

## Polynomials - Simplify 8 monomials and fractions with 2 variables:

### Simplifying monomials and fractions with two variables:

$$1) \frac{1}{2}x^2y^3 + \frac{2}{3}x^2 + x^2 + 1\frac{3}{7}x^2y^3 + \frac{1}{7}y^2 + y^2 - x^2y^3 - 2\frac{4}{7}x^2$$

$$2) 2m^2n^3 - \frac{1}{2}m + m^2n^3 + \frac{1}{3}m - 5\frac{3}{7}n^2 + m + \frac{4}{5}n^2 + \frac{1}{8}m^2n^3$$

$$3) 2\frac{1}{2}x^3 + 2 + \frac{3}{4}xy^3 - 1\frac{3}{8} - 1\frac{1}{2}x^3 + 3\frac{3}{5}xy^3 - 1\frac{4}{5} - x^3$$

$$4) 1\frac{2}{5}a^3 - \frac{1}{2} + 1\frac{1}{4}a^3 - 3\frac{7}{8} + ab^2 + 2a^2 + 1\frac{1}{4}a^3 - 1\frac{5}{7}$$

$$5) 1\frac{1}{3} + 5m^2n^2 + \frac{2}{5}m^2n^2 + \frac{4}{7}m^2n^3 - 2\frac{3}{8} + 1\frac{3}{5}m^2n^2 + 1\frac{1}{5}m^2n^3 + 2\frac{1}{2}$$

$$6) 1\frac{2}{3}u^2v^2 + 7\frac{1}{3}uv + 1\frac{4}{7}u^2v^2 + 1\frac{1}{2}uv - 2\frac{2}{5}u^3 + \frac{5}{7}u^2v^2 - \frac{1}{5}u^3 + 4\frac{1}{3}uv$$

$$7) 1\frac{3}{4}y^2 + 1\frac{1}{7}x^2y + 2\frac{1}{5}xy^2 - 1\frac{1}{2}x^2y - \frac{2}{3}x^3y^3 + 1\frac{2}{3}x^3y^3 + 2\frac{1}{4}xy^2 - 1\frac{1}{2}x^2$$

$$8) 1\frac{1}{7}u^2v + 1\frac{2}{3}v + \frac{1}{3}v - 2\frac{1}{8}uv^3 - 1\frac{1}{3}u^2v^2 + 2v + 4\frac{5}{6}u^2v - \frac{2}{3}uv^3$$

$$9) 3\frac{1}{2}ab^3 - 1\frac{5}{6} + \frac{1}{3}a^2b^2 - 3\frac{3}{5} + 1\frac{5}{6}a + \frac{2}{3}a - 1\frac{3}{4}ab^3 - b$$

$$10) 2x^3 + 1\frac{4}{5}xy^3 + 4\frac{1}{2}x^3 + 2\frac{1}{6}x^2y + 2\frac{1}{5}xy + \frac{3}{8}x^2y + 2\frac{1}{4}x^3 + 6\frac{1}{2}xy^3$$

$$11) \frac{1}{8}x^2y^3 + \frac{1}{8}x^3y + 7x^3y + 1\frac{1}{8}xy + 1\frac{1}{2}x^2 + \frac{4}{5}x^2 + 1\frac{1}{8}x^2y^3 + 1\frac{2}{3}x^3y$$

$$12) \frac{1}{4}xy^3 - 3\frac{5}{6}y^3 + \frac{5}{8}x^2y^2 - \frac{3}{5}xy^3 - 2\frac{5}{8}y^3 + 2\frac{1}{3}xy^3 + \frac{2}{7}y^3 + 3\frac{1}{2}x^2y^2$$

$$13) \frac{1}{3}y^3 + 8x^2y^2 + 3y^3 + 4\frac{3}{7}x^2y^2 - 3\frac{2}{3}x^3y^2 + x^3y^2 + 1\frac{1}{2}x^2y^2 + 1\frac{1}{5}y^3$$

$$14) \frac{7}{8}x + 6x^2y^2 + \frac{1}{2}xy^3 + 1\frac{1}{5}y + 2x^3y + x + \frac{1}{2}y - 4\frac{1}{3}x^3y$$

$$15) 1\frac{5}{8}u + \frac{7}{8}uv^2 + 1\frac{3}{7}uv^2 + 4\frac{1}{2}u - 2\frac{3}{4}u^2v^3 + 2\frac{1}{3}uv^2 - 1\frac{2}{3}u^2v^3 + 1\frac{2}{3}u$$

$$16) 1\frac{3}{4}y^2 + 1\frac{1}{2}x^2 + 1\frac{3}{4}y^3 - 5y^2 + \frac{2}{5}x^2 + 1\frac{3}{4}y^3 + 1\frac{3}{4}y^2 + \frac{1}{2}x^2$$

$$17) \frac{1}{8}m^2n^3 - \frac{1}{2}n^2 + 3\frac{5}{8}n^2 + \frac{5}{6}m^2n^3 - \frac{1}{8}n^3 + \frac{1}{2}m^2n^3 + \frac{3}{8}n^3 + 3\frac{1}{3}n^2$$

$$18) 1\frac{1}{2}mn^3 + 1\frac{1}{7}m^3n^2 + 1\frac{3}{5}mn^3 + \frac{5}{6}m^2n^3 + 2m^3n^2 + 5m^2n^3 - \frac{1}{2}mn + 1\frac{1}{3}m^3n^2$$

$$19) 2uv + 1\frac{2}{3}u^2v^3 + \frac{1}{2}u^3v - 2u^2v^3 + 1\frac{3}{4}uv + 2\frac{1}{3}u^3v^2 + 3\frac{5}{6}u^3v - 3\frac{1}{3}u^2v^3$$

$$20) \frac{2}{3}x^3y^3 - 1\frac{1}{2}xy + \frac{3}{7}x + \frac{1}{2}xy + \frac{2}{7}x^3y + 3\frac{1}{2}x^3y + 4\frac{3}{4}x + 4\frac{1}{2}x^3y^3$$

$$21) 1\frac{1}{7}xy^3 + 3\frac{5}{6}x^3y + 1\frac{1}{5}x^3y + 4\frac{3}{4}xy^3 - 3\frac{1}{2}x + \frac{2}{3}x + \frac{2}{3}xy^2 + xy^3$$

$$22) 1\frac{1}{3}a^3 + 2\frac{2}{3} + 1\frac{1}{6} - 1\frac{5}{6}a^3 - 1\frac{1}{4}a^2 + \frac{5}{8}a^2 + 3\frac{5}{8} + 3\frac{1}{3}a^3$$

$$23) 4\frac{1}{4}xy - 3xy^3 + 1\frac{2}{3}x^2 - 7\frac{5}{7}x^2y - 3\frac{1}{2}xy^3 + 4\frac{1}{2}x^2 + \frac{2}{7}x^2y + 1\frac{1}{5}x^2y^3$$

$$24) 3\frac{2}{7}x^2 + \frac{3}{8}xy^2 + 7 - 2\frac{5}{6}xy^2 + \frac{1}{3}x^2 + 3\frac{1}{4} - 3\frac{5}{6}x^2 + 1\frac{1}{2}xy^2$$

$$25) 2a - \frac{1}{6}a^3b + 1\frac{1}{2}a + 2\frac{6}{7}ab + 2\frac{2}{7}a^3b + 1\frac{1}{2}a + 1\frac{1}{2}a^3b + 2ab$$

$$26) 3\frac{1}{2}x + 2\frac{5}{6}x^2y^3 + \frac{1}{6}x^2y^3 - 2\frac{1}{8}x^2y + 1\frac{5}{8}x + 1\frac{5}{7}x^2y^3 + \frac{1}{4}x^2y + 3\frac{7}{8}x$$

$$27) \frac{2}{3} - m^3n^2 + \frac{2}{3}m^3n^2 + 4\frac{1}{2} - 2mn^2 + 1\frac{3}{5} + 2\frac{5}{8}m^3n^2 + \frac{1}{4}mn^2$$

$$28) 4\frac{1}{4}y^2 - 1\frac{3}{5}y^3 + 3\frac{2}{5}x^2y^3 + 3\frac{1}{4}y^3 - 2\frac{3}{8}xy^3 + \frac{1}{6}x^2y^3 - 1\frac{1}{7}xy^3 + 1\frac{2}{3}x^2$$

$$29) \frac{4}{7}x^2 - 2x^3y + 1\frac{5}{7}x^3y^3 - 3x^2 - 2\frac{3}{7}xy^3 + 2\frac{3}{4}x^3y^3 - 2\frac{1}{2}x - 1\frac{3}{7}x^3y$$

$$30) \frac{5}{6}x^2y^3 + 2 + 1\frac{4}{7} + 4\frac{1}{2}y^3 + \frac{3}{7}x^2y^3 + 2x^3y + 3\frac{5}{6}x^2y^3 - 3\frac{4}{7}y^3$$

$$31) 1\frac{1}{7}x^3 + 3\frac{1}{6}x^3y^2 + \frac{1}{5}x^3 + 3\frac{2}{3}x^3y^2 - \frac{1}{2} + 5 + 3\frac{1}{8}x^3y^2 - 2x^2y$$

$$32) 2uv^2 - 2\frac{2}{7}uv^3 + \frac{2}{3}uv^2 - 1\frac{1}{2}u^2v + v^3 + 1\frac{3}{4}uv^3 + \frac{2}{3}v^3 - 3\frac{1}{5}u^2v$$

$$33) \frac{5}{6}x^3y - 3\frac{6}{7}xy + 3\frac{3}{5}xy + 2\frac{3}{7}x^3 - \frac{2}{3}x^3y + \frac{1}{8}xy + 1\frac{1}{2}x^3 + 3\frac{6}{7}y^2$$

$$34) \frac{2}{3}x^2y^3 - 1\frac{7}{8} + xy - 1\frac{2}{3}y^3 + \frac{1}{4} + \frac{4}{5}x^2y^3 + \frac{5}{6}x^2y - 2\frac{5}{7}y^3$$

$$35) 2\frac{3}{4}x^3y^3 + \frac{4}{5}x^2y^2 + 1\frac{1}{2}x^2y^2 - 1\frac{5}{6}y + 1\frac{1}{5}x^3y^3 + x^2y^2 + 1\frac{1}{4}y + 8x^3y^3$$

$$36) mn - 1\frac{2}{5}m^2n^2 + \frac{5}{6}m^2n^2 - mn^2 - 2\frac{5}{6}mn + 3\frac{2}{7}mn + 2mn^2 - 1\frac{3}{4}m^2n^2$$

$$37) 2\frac{3}{5} - 3\frac{6}{7}xy^2 + 3\frac{1}{5} - \frac{5}{7}x^2y^2 - \frac{4}{5}xy^2 + \frac{4}{7} + \frac{3}{7}xy^2 - 3\frac{1}{3}x^2y^2$$

$$38) 4\frac{2}{3}b^3 + \frac{3}{4}b + 1\frac{1}{4}b - a^2 - 2\frac{4}{5}b^3 + \frac{5}{7}a^2b^3 - 1\frac{2}{3}a^3b - \frac{1}{8}b$$

$$39) \frac{3}{4}x^3y^3 - 1\frac{2}{3}x^3y^2 + \frac{4}{5}x^3y^2 + 1\frac{7}{8}x^3y^3 + y^2 + \frac{1}{2}x^3 - 1\frac{2}{3}x^3y^3 + y^2$$

$$40) 1\frac{1}{5} + \frac{3}{5}x^3y^2 + 2x^3y^3 + 3\frac{1}{2}x^3y^2 + 2\frac{1}{4}y^3 + 1\frac{3}{4}y^3 - 1\frac{7}{8} + \frac{5}{6}x^3y^2$$

$$41) 2\frac{2}{5} - 1\frac{1}{3}b^2 + 8a^3b^2 - 2\frac{7}{8}a^3b + 1\frac{5}{7}b + \frac{1}{2}a^3b^2 - 1\frac{2}{3} + 1\frac{1}{4}b$$

$$42) 3\frac{1}{6}u^3v^3 + 1\frac{3}{4}u^3 + 4\frac{2}{5}v^2 + 3\frac{3}{4}uv - \frac{5}{7}u^3 + v^2 + 4\frac{3}{7}u^3 - 1\frac{3}{5}u^3v^3$$

$$43) 2a - 1\frac{7}{8}a^3b^2 + 1\frac{1}{2}a^3b^3 + \frac{1}{2}a - \frac{5}{6}a^2b^3 + 2a^2b^3 - \frac{2}{3}a^3b^3 + 4\frac{1}{3}a^3b^2$$

$$44) \frac{2}{3}a^2b - 2a^2b^3 + 3\frac{1}{2}a^2b - 1\frac{1}{4}ab^3 + 4\frac{2}{7}a^3b^2 + \frac{2}{7}ab^3 - 1\frac{5}{6}a^3b^2 - 1\frac{5}{7}a^2b^3$$

$$45) 2\frac{3}{4}x^2y^3 + 4\frac{3}{5}xy + 1\frac{7}{8}x + 3\frac{1}{2}x^2y - 1\frac{3}{4}x^3y^2 + \frac{1}{2}x^2y - 3xy - 1\frac{2}{5}x^3y^2$$

$$46) 2x^3y^3 - 2\frac{4}{7}y^2 + 1\frac{4}{5}x^3y^3 + 1\frac{1}{2}xy^3 + 1\frac{1}{6}y^2 + 2x^3y^3 + 7xy^3 - 1\frac{1}{2}y^2$$

$$47) \frac{5}{8}x^2 - \frac{1}{6}y^3 + 3\frac{4}{5}x^3y + 1\frac{5}{7}y^2 + 1\frac{1}{3}x^3y^2 + 2x^3y^2 - 2\frac{2}{5}y^2 - 2\frac{1}{2}x^3y$$

$$48) 3\frac{5}{6}xy^3 - 1\frac{7}{8}x^2 + 6\frac{4}{5}x^3y + 1\frac{1}{2}xy^3 - 1\frac{1}{6}x^2 + 1\frac{2}{3}x^2 + 1\frac{1}{2}xy^3 - 4x^3y$$

$$49) 1\frac{1}{7}x + 1\frac{1}{2}x^3 + \frac{1}{6}x - 1\frac{2}{3}x^3 + 4\frac{2}{3}xy^3 + 1\frac{3}{5}x^3 - 3\frac{1}{3}xy^3 - 2x$$

$$50) 1\frac{1}{3}u + 1\frac{5}{7}u^2v^3 + \frac{1}{4}u + 3\frac{1}{4}u^2 - \frac{1}{7}u^2v^3 + \frac{1}{3}u^2v^3 - 7u^2 - 2\frac{2}{5}u$$

$$51) \frac{3}{7}y^3 - 1\frac{5}{6}x^3y^3 + 2\frac{1}{4}x^2y^2 - y^3 + 1\frac{1}{2}x^3y^3 + 1\frac{6}{7}x^2y^2 + 2\frac{2}{5}x^3y^3 + 4\frac{4}{5}y^3$$

$$52) 2\frac{1}{4}m^3n^3 + \frac{2}{3}n + m^3n^3 - 2n + 4m^3 + \frac{7}{8}m^3n^3 - \frac{4}{5}m^3 - 2$$

$$53) 2x^3y^3 - 3\frac{5}{6}x^3 + 5x^3 - 4 + 3\frac{5}{8}x^2 + 3\frac{5}{8} + 2\frac{1}{6}x^3 - 3\frac{5}{7}x^2$$

$$54) \frac{7}{8}x^2y^2 - 2\frac{1}{2}y + 1\frac{3}{4}xy - 1\frac{1}{2}x^2y^2 + \frac{3}{4}x^2y + 1\frac{1}{2}x^2y^2 + 1\frac{1}{2}x^2y + 4\frac{1}{2}y$$

$$55) 4\frac{7}{8}m^3n^2 - 2mn + 2\frac{5}{7}mn - 1\frac{3}{5}m^3n^2 - 3m^3n + 3mn - 3\frac{1}{5}m^3n + 1\frac{2}{3}mn^2$$

$$56) 1\frac{1}{3}v^3 + 2\frac{5}{7}uv + 1\frac{3}{4}u^3v^2 - 7u^2v + 1\frac{1}{5}uv^2 + \frac{1}{4}u^3v^2 + 1\frac{1}{2}v^3 - \frac{1}{2}uv^2$$

$$57) xy + 2y + 1\frac{5}{7}xy - 2y - \frac{1}{2}x^2y + \frac{4}{5}x^2y + 2\frac{3}{8}y - 1\frac{3}{5}xy$$

$$58) 1\frac{1}{2}a^3b - a^3b^3 + \frac{2}{3}b^3 - \frac{1}{3}a^3b^3 + \frac{2}{7}a^3b + \frac{1}{8}b^3 + 1\frac{1}{4}a^3b + 4\frac{3}{4}a^3b^3$$

$$59) 4m^2n^2 + 1\frac{1}{6} + 2\frac{3}{8} - 3\frac{2}{3}m^2n^2 + 2m^2 + m^2 - 1\frac{3}{4}m^2n^2 + \frac{1}{2}$$

$$60) x^2y^2 + 3\frac{1}{8}x^2y^3 + \frac{1}{2}xy + \frac{4}{7}x^2y^3 + 1\frac{2}{3}x^2y^2 + \frac{1}{8}x^2y^3 - 2\frac{1}{4}y^3 + 4\frac{1}{2}xy^3$$

$$61) 4\frac{1}{4}x^3y^3 + 2\frac{5}{6}xy^2 + 7\frac{1}{2}x^3y + \frac{3}{7}xy^2 - \frac{2}{3}x^3y^3 + 4\frac{1}{4}x^3y^3 - \frac{5}{7}xy^2 + 1\frac{2}{3}x^3y$$

$$62) 4\frac{1}{3}xy^2 + \frac{1}{2}x^3y^2 + 2xy^2 - 3\frac{3}{8}x + 1\frac{1}{6}x^3y^2 + 4\frac{4}{5}xy^2 - 3\frac{3}{4}x^3y^2 - \frac{4}{5}x$$

$$63) 3\frac{5}{6}x^3y^2 + 4\frac{5}{6}x^3y^3 + 2\frac{5}{6}x^3y^2 + \frac{5}{6}x^3y^3 + 2x^2y^2 + \frac{1}{4}x^3y^2 - 2\frac{1}{5}x^3y^3 + 2x^2y^2$$

$$64) 4\frac{1}{8}v^2 - 3\frac{1}{3}v + u^2v^2 + 3\frac{1}{2} + \frac{1}{5}v^2 + \frac{2}{3}v + 7\frac{1}{8} + 3\frac{1}{2}v^2$$

$$65) 3\frac{1}{2}u^3v^3 - \frac{1}{2} + 5 + 1\frac{6}{7}u^2v - \frac{4}{7}uv^2 + 3\frac{1}{3}uv^2 - \frac{4}{5} - \frac{3}{8}u^2v$$

$$66) 2\frac{2}{3}mn^2 - 3\frac{3}{8}m^2n^3 + 2\frac{3}{5}m^3n - 2mn^2 - 2\frac{5}{6}m^2n^3 + \frac{2}{7}mn^2 + m^3n + \frac{1}{7}m^2n$$

$$67) 3\frac{1}{8}a^3b^2 - 2a^3b^3 + \frac{1}{2}ab^3 + 3\frac{7}{8}a^2b + 3\frac{1}{8} + \frac{1}{4}a^3b^2 + 2\frac{4}{5}ab^3 - 7\frac{1}{8}a^2b$$

$$68) 2\frac{7}{8}x^2 + 1\frac{1}{2}x^3 + 1\frac{1}{2}x^2 - 1\frac{1}{6}y^3 - 2\frac{5}{6}x^2y + 1\frac{1}{4}y^3 - 3\frac{5}{8}x^3 + 1\frac{3}{7}x^2$$

$$69) 1\frac{2}{7}x^3y^2 - xy + 1\frac{4}{5}x^3y^2 - 3\frac{1}{7}x^3y^3 + 4\frac{5}{8}xy + \frac{6}{7}xy - 3\frac{1}{4}x^3y^3 + \frac{1}{3}x^3y^2$$

$$70) \frac{4}{5}m^2n - 1\frac{1}{2}m^2 + 2m^2 + 2\frac{5}{8}m^2n - \frac{1}{2}mn^3 + 6m^2 + 3\frac{3}{4}m^2n + 3mn^3$$

$$71) 1\frac{1}{4}x^3y^2 - 4x^2 + 4\frac{3}{8}xy^3 - 1\frac{5}{6}x^3y^2 - \frac{2}{5}x^2 + \frac{1}{4}x^3y^2 - 3\frac{1}{2}x^2 + xy^3$$

$$72) 1\frac{3}{5}b^3 + 4\frac{1}{2} + 2\frac{7}{8}ab^3 + 4\frac{2}{5} + 4\frac{1}{5}b^3 + 8\frac{3}{4}a - 6\frac{2}{5}ab^3 - a^2b^3$$

$$73) 1\frac{5}{7}x^2y^3 - 1\frac{1}{6}x^2y + 3\frac{1}{4}x^2y^3 - 1\frac{3}{4}x^3y^3 + 4\frac{1}{2}x^2y + \frac{1}{2}x^2y^3 + 1\frac{3}{5}x^3y^3 + 1\frac{1}{2}y^3$$

$$74) 2\frac{1}{6}u^2 + 4\frac{2}{3}uv^2 + 2\frac{7}{8}u^2 - 2\frac{3}{4}uv^2 + 1\frac{1}{4} + 1\frac{1}{3} - 5uv^2 + 1\frac{7}{8}u^2$$

$$75) 3y^2 - 2\frac{1}{2}x + 4\frac{3}{8}y^2 + \frac{1}{7}xy^2 + 3\frac{7}{8}x^3y^2 + 4\frac{5}{8}x^3y^2 + \frac{2}{3}xy^2 - 1\frac{1}{5}x$$

$$76) 2b + 1\frac{1}{2}ab^3 + \frac{5}{8}ab - 2\frac{2}{3}b + 5ab^3 + \frac{5}{7}ab^3 - 1\frac{1}{8}b - 2\frac{4}{7}ab$$

$$77) 4\frac{1}{2}xy^3 + \frac{1}{2}xy + 1\frac{1}{3}xy^3 - 3\frac{2}{3}y - 1 + 1\frac{1}{5}y - 2\frac{2}{7}xy + 4\frac{1}{8}xy^3$$

$$78) 4\frac{1}{6}y^2 + 1\frac{1}{2}xy + \frac{4}{5}x^2y - \frac{2}{7}x^2 + 3\frac{5}{6}x^3 + 1\frac{4}{7}y^2 + 1\frac{1}{6}x^2y - \frac{5}{6}x^2$$

$$79) 2\frac{1}{6}mn + 2\frac{7}{8}m^2n + \frac{2}{3}mn^3 - 1\frac{1}{8}m^2n + 2m^3 + 4\frac{5}{8}m^2n + 4m - \frac{1}{4}mn^3$$

$$80) 7y - 3\frac{1}{6}xy^3 + 1\frac{7}{8}xy^3 + 1\frac{6}{7}y - 1\frac{2}{3}xy^2 + 2\frac{6}{7}y - 7xy^2 + 4\frac{2}{3}xy^3$$

$$81) 3\frac{7}{8}y + \frac{3}{5}x^2y + \frac{2}{3}x + \frac{1}{2}x^2y + 1\frac{4}{7}xy + 3\frac{3}{5}x + \frac{1}{3}y - 7\frac{1}{4}x^2$$

$$82) 1\frac{1}{2}x^2y^2 + 1\frac{3}{7}x^3y + 4\frac{1}{2}y + \frac{2}{5}x^2y^2 + 3\frac{1}{8}x^3y + 2\frac{7}{8}y - 2x^3y + 2\frac{2}{3}x^2y^2$$

$$83) 1\frac{1}{2}ab^2 + 1\frac{1}{2}a^2b^2 + 4\frac{5}{7}ab^2 - 1\frac{1}{8}a^3 + 1\frac{1}{3}a^2b^2 + 2ab^2 + 1\frac{1}{4}a^2b^2 - 2a^3$$

$$84) \frac{1}{2}xy^2 + 1\frac{3}{4}x^2y^2 + 2\frac{1}{7}x^2y^2 - 2\frac{1}{7}x^3y^3 + \frac{5}{8}xy^2 + \frac{3}{4}xy^2 + \frac{3}{4}x^3y^3 - 1\frac{1}{6}x^2y^2$$

$$85) \frac{2}{3}x + 1\frac{4}{7}x^3y^3 + x^3y^3 + 4\frac{1}{2}y^2 - 1\frac{1}{5}x + \frac{1}{4}x - \frac{3}{7}y + \frac{5}{6}y^2$$

$$86) m + 4\frac{3}{5} + \frac{3}{5} + 1\frac{1}{5}m + \frac{3}{5}m^3n^2 + 1\frac{1}{2} + 1\frac{2}{3}m - 2m^2n^2$$

$$87) 1\frac{1}{8}x^3y^3 - 5 + 4\frac{1}{2}x^2y + 2\frac{1}{3}x + 1 + 3\frac{3}{5}x^2y + 4\frac{3}{4}xy^2 + 1\frac{2}{3}x$$

$$88) 1\frac{2}{5}x^3y^3 - 3\frac{1}{6}x^2y^3 + \frac{1}{2} + 2xy^2 - 3\frac{4}{5}x^2y^3 + 1 - \frac{1}{6}x^3y^3 + \frac{2}{5}xy^2$$

$$89) 1\frac{1}{3}n^3 - 8\frac{6}{7}m^3n + 4\frac{5}{8}n - mn^2 - n^3 + \frac{1}{7}n^3 + 2\frac{1}{5}m^3n - 7n$$

$$90) \frac{3}{8}b^3 + 1\frac{5}{8}a^3b^3 + \frac{3}{4}ab^3 + \frac{1}{2}b^3 + \frac{6}{7}a^3b^3 + 1\frac{1}{2}a^3b^3 + 1\frac{3}{4}ab^3 + 2\frac{1}{4}b^3$$

$$91) 2\frac{2}{7}y + 4\frac{1}{7}x^3 + \frac{1}{6}xy - 3\frac{1}{2}x^3 - 2\frac{1}{4}xy^3 + \frac{3}{4}xy^3 - 1\frac{3}{8}x^3y^3 + 2\frac{1}{3}x^3$$

$$92) 4\frac{1}{2}v^2 - 2uv^2 + 7\frac{1}{2}uv^3 - 1\frac{1}{4}v^3 + 1\frac{2}{3}uv^2 + u^2v^2 - 1\frac{3}{4}uv^2 + 1\frac{2}{7}v^2$$

$$93) \frac{1}{5}x^2y - \frac{1}{2}x^3y^3 + 8x^2y^3 - 1\frac{1}{6}x^2y - 1\frac{7}{8}x^3y^3 + 2x^2y + \frac{1}{4}x^2y^3 - 1\frac{2}{5}x^3y^3$$

$$94) 3\frac{5}{7}y^2 - \frac{4}{5}x^2 + 8x^2 + 1\frac{3}{5}x^3 + 2y^2 + 1\frac{1}{3}x^3 - 1\frac{1}{2}x^2 + 2y^2$$

$$95) 3\frac{1}{3}m + 1\frac{3}{8}m^3 + 1\frac{1}{6}m^3 + 1\frac{4}{7}m^2n^3 - 5m + 1\frac{5}{6}m^3 + 3\frac{3}{8}m^2n^3 + \frac{1}{5}m$$

$$96) \frac{1}{5}x + \frac{1}{6}y^2 + x + 1\frac{3}{7}y^3 + 2\frac{1}{2}xy^2 + 1\frac{3}{4}y^2 - 3\frac{1}{6}xy^3 - \frac{2}{7}xy^2$$

$$97) 1\frac{2}{3}n + 3m + 6m + \frac{1}{3} + n + \frac{1}{8}m - 2\frac{1}{4} - 3\frac{1}{2}m^2n$$

$$98) u - \frac{1}{3}uv^3 + 7\frac{2}{7}uv + 4\frac{1}{3} + 2\frac{2}{5}uv^3 + \frac{2}{3} + 5u - 2uv^3$$

$$99) 4\frac{3}{4}x^2y^3 + y^2 + \frac{4}{5}xy - 2\frac{2}{3}y^2 + x^2y^3 + \frac{5}{7}y^2 - 3\frac{5}{6} + 2xy$$

$$100) 1\frac{3}{4}u^2v^2 + 1\frac{1}{3}u^2v^3 + \frac{6}{7}u^2v^2 + 4\frac{1}{2}u^3v + \frac{3}{4}u^3 + 1\frac{2}{3}u^2v^2 - \frac{2}{3}u^3 - 1\frac{1}{2}u^2v^3$$

$$101) 3\frac{1}{6}y^2 + \frac{3}{7}x^2 + \frac{6}{11}x^3 - 2\frac{1}{11}x^2 - 1\frac{2}{3}y^2 + 1\frac{8}{9}y^2 + 1\frac{2}{5}x^3 - 1\frac{1}{8}x^2$$

$$102) 1\frac{2}{7} - 2n + 1\frac{1}{6} + 1\frac{3}{5}m^2n^3 + n + \frac{2}{7}m^2n^3 + 9 - 3\frac{1}{2}n$$

$$103) 1\frac{1}{3}u^2v^3 - 1\frac{1}{8}u^3 + 2\frac{1}{6}u^3v^2 - \frac{1}{2}u^3 - u^2v^3 + 1\frac{1}{5}u^3 + 2\frac{1}{6}u^3v^2 + 5\frac{9}{11}u^2v^3$$



$$104) \frac{8}{11}x^2y^3 - 1\frac{9}{10}x^3y + x^3y - 2\frac{1}{4}xy^2 - 1\frac{7}{8}x^2y^3 + 1\frac{7}{9}x^2y^3 + 5xy^2 + 4\frac{6}{7}x^3y$$

$$105) 3\frac{5}{8} - 1\frac{5}{6}x^2y^3 + 1\frac{7}{8} + 4\frac{7}{11}x^2y^3 - 1\frac{2}{3}y^3 + 3\frac{1}{8} + 1\frac{5}{7}y^3 + 2x^2y^3$$

$$106) \frac{3}{5}xy + 4\frac{5}{11}xy^3 + 8xy + 2\frac{2}{11}xy^2 + 1\frac{2}{3}y^3 + 4\frac{7}{8}y^3 + \frac{9}{10}xy^3 - 3\frac{5}{7}xy$$

$$107) \frac{5}{11}a^3 + 3ab + \frac{4}{5}a^3 - 1\frac{4}{5}b^2 - 1\frac{1}{2} + 5\frac{2}{5} - \frac{5}{8}a^3 + 2\frac{4}{5}b^2$$

$$108) \frac{1}{10}xy + 1\frac{5}{8}x^2 + x^2 + 3\frac{5}{6}xy + 6\frac{1}{7}x^2y^3 + \frac{1}{2}xy - \frac{7}{9}y + 2\frac{4}{5}$$

$$109) 1\frac{1}{2}x^2y + 1\frac{3}{5}xy + 1\frac{2}{3}xy - 2\frac{1}{2} + 4\frac{1}{2}x^2y + 4\frac{4}{5} - 2xy - 2x^2y$$

$$110) 2\frac{7}{9}n^3 - 1\frac{6}{11} + \frac{3}{7}n^3 + 2\frac{8}{9} + 1\frac{2}{3}m^2n + 2n^3 - 1\frac{5}{8} - \frac{1}{5}m^2n$$

$$111) 1\frac{6}{7}b - 1\frac{1}{10}a^3b^2 + 1\frac{1}{3}ab - \frac{1}{2}a - 1\frac{1}{3}b^2 + 6\frac{2}{5}ab - 3\frac{2}{3}b^2 + a$$

$$112) 5\frac{7}{12}x^3y + 6\frac{5}{6} + 1\frac{1}{4} - 1\frac{2}{3}x^3y^2 + \frac{5}{11}x^3y + 1\frac{1}{2} - x^3y^2 - 2\frac{1}{5}x^3y$$

$$113) 2x^2 - 1\frac{6}{7}x^2y + 1\frac{1}{2}x^2 - 1\frac{3}{4}x^2y - y^2 + \frac{3}{4}y^2 + 4\frac{9}{11}x^2 + \frac{1}{2}x^2y$$

$$114) \frac{1}{8}x^2y^3 + \frac{1}{2}y + y - \frac{3}{4}xy^3 - 3\frac{4}{5}xy^2 + 1\frac{4}{5}xy^2 + 3\frac{5}{6}xy^3 + \frac{1}{5}y$$

$$115) 2\frac{9}{11}x^2y^2 + 1\frac{1}{2}xy + 6\frac{1}{9}x^2y^2 + \frac{1}{2}y^2 - 1\frac{1}{3}xy + y^2 - \frac{1}{2}x^3y^3 + 2xy$$

$$116) b^2 + 6\frac{3}{4}ab^2 + 6ab^2 - \frac{4}{5}b - 2\frac{1}{2}a^2 + 2\frac{5}{8}a^2 + 1\frac{1}{3}b + 5\frac{1}{2}b^2$$

$$117) \frac{1}{6}x^3 + 6\frac{8}{11}x^3y + \frac{3}{5}x^3y - 1\frac{9}{10}y^3 + \frac{1}{8}y^2 + 3\frac{6}{7}y^3 - x^3y + 9\frac{1}{7}x^3$$

$$118) 5\frac{5}{8}x^2 + \frac{2}{11}y + \frac{2}{11}xy^2 + 1\frac{1}{7}x^2 - 1\frac{4}{9}x^2y^2 + 11y - 12xy^2 - 2x^2y^2$$

$$119) uv + \frac{1}{2}uv^3 + \frac{1}{2}v^3 - 1\frac{1}{5}uv^3 - 1\frac{2}{5}uv^2 + 5\frac{7}{12}uv^2 + 6\frac{7}{12}uv - \frac{1}{5}uv^3$$

$$120) \frac{3}{4}xy^3 - \frac{1}{4}x^3y^2 + 2\frac{5}{12}x^3y^2 - 3\frac{1}{9}y^2 - \frac{1}{2}xy + 2\frac{1}{2}y^2 - 1\frac{3}{5}xy + 1\frac{1}{2}xy^3$$

$$121) 3\frac{1}{4}y^2 + 6\frac{1}{2}x^2y^2 + 1\frac{3}{10}y^2 + \frac{6}{7}x^2y^2 + x^2 + y^2 + \frac{1}{2}x^2y^2 - 1\frac{5}{6}x^2$$

$$122) \frac{3}{4}u^3v^2 - 3\frac{4}{5}u^3v^3 + 1\frac{1}{2}u^3v^2 + 3\frac{3}{4}u^3v^3 - 1\frac{1}{2}uv^2 + 1\frac{1}{2}u^3v^3 + \frac{3}{11}uv^2 + 1\frac{2}{3}u^3v^2$$

$$123) 1\frac{1}{2}mn^2 + 1\frac{2}{5}mn + 1\frac{1}{2}m^3n^3 - 2\frac{2}{3}mn^2 + 1\frac{1}{12}mn + 3m^3n^2 + 1\frac{5}{6}mn - \frac{2}{5}m^3n^3$$

$$124) 2\frac{3}{8}x^3y^3 + 3\frac{3}{10}y^3 + \frac{2}{5}y^3 + 1\frac{1}{2}y + 3\frac{3}{11}x^3y^3 + 1\frac{2}{9}y - 3y^3 + 1\frac{7}{12}x^3y^3$$

$$125) 1\frac{7}{10}a + 5\frac{1}{2}a^3b^2 + 3\frac{3}{4}ab^2 - \frac{5}{12}a^3b + 6\frac{1}{2}a^3b^2 + \frac{5}{6}a - 1\frac{2}{3}a^3b^2 - 7a^3b$$

$$126) 2x^3 + 1\frac{1}{9}x^3y + \frac{1}{3}x^3y - \frac{1}{3}x^3 + 5\frac{5}{12}x^2y^2 + xy^3 - 2\frac{2}{5}x^2y^2 - 2\frac{1}{8}x^3y$$

$$127) 1\frac{1}{5}y^3 + 4\frac{7}{12}x^3y + y - \frac{7}{12}x^3y + \frac{3}{5}x^2y^3 + 6\frac{7}{8}y^3 - \frac{2}{3}x^3y + 6\frac{2}{11}y$$

$$128) 11m^3n^2 - 2m^2n + 3\frac{4}{7}mn^3 - 3\frac{11}{12} - \frac{1}{8}m^3n^2 + 2\frac{1}{8}m^3n^2 - 1\frac{1}{2}m^2n - 1\frac{1}{2}mn^3$$

$$129) \frac{7}{8}x^3y^2 + 1\frac{7}{12}xy^3 + 2\frac{7}{9}x - 1\frac{6}{11}x^3y^2 + 2\frac{9}{10}xy^2 + 6\frac{1}{2}x^3y^2 - \frac{3}{10}xy^3 - 1\frac{1}{2}xy^2$$

$$130) 2\frac{1}{5}a^2b^3 + \frac{3}{4}a^2 + \frac{4}{7}a^2b^3 - \frac{1}{2}a + \frac{1}{2}a^3b^2 + 2\frac{1}{2}a + 1\frac{5}{6}a^2b^3 - 1\frac{2}{5}a^2$$

$$131) 1\frac{4}{11}x^2 - 1\frac{5}{9}x^2y^3 + 5\frac{9}{10}x^2 + 2\frac{1}{6}xy^2 + 6\frac{1}{8}x^3 + 2\frac{1}{5}x^2 - 1\frac{5}{9}x^2y^3 - 1\frac{2}{3}xy^2$$

$$132) 4\frac{5}{6}x^2y^3 - \frac{5}{6}y^2 + \frac{5}{6}x^2y^3 + 1\frac{5}{12}y^2 - \frac{1}{2}x^3 + 1\frac{3}{4}x^3 - x^2y^3 - 2\frac{1}{12}$$

$$133) 2x^3y^3 + \frac{2}{9}x^2y^3 + \frac{9}{11} - 2x^2y^3 + \frac{2}{5}x^3y^3 + 1\frac{1}{2}x^2y^3 - x^3y^3 - 2\frac{1}{4}$$

$$134) 1\frac{1}{4}x^2y - 1\frac{2}{3}x^3 + 6\frac{3}{10}x^2y + 3\frac{1}{7}x^3 + \frac{5}{6} + \frac{1}{3} + 2x^3 - 2x^2y$$

$$135) 2\frac{3}{7}m^3n^2 + 2\frac{1}{3}m^3 + 2\frac{1}{10}m^3 - 2m^3n^2 - 1 + \frac{3}{5}m^3n^2 + 1 + 5\frac{3}{5}m^3$$

$$136) 6\frac{6}{11} - 1\frac{1}{12}m^2n + \frac{3}{7}m^2n + 6\frac{3}{7}mn + \frac{1}{10} + \frac{1}{11} - 5m^2n + 2\frac{1}{2}mn$$

$$137) xy^2 - 1\frac{1}{2}x^3y + 4\frac{1}{3}x^2y^3 + 6\frac{5}{7}x^3y - \frac{3}{5}y + 5\frac{7}{12}x^2y^3 + 5xy^2 - 2x^3y$$

$$138) \frac{1}{5}uv + 4\frac{4}{5}u^2v^3 + 2u + 4\frac{7}{9}u^3 - \frac{4}{7}u^2v^3 + 4\frac{1}{3}u^2 - 2uv + \frac{1}{2}u$$

$$139) 2x^2y + \frac{3}{7}xy + \frac{1}{3}x^2y^2 + 2x^2 - 3x^2y + 3\frac{1}{8}x^2y + 2\frac{2}{11}x^2y^2 + \frac{6}{7}xy$$

$$140) 6\frac{3}{11}y + x^3y^2 + \frac{4}{5}y + 1\frac{1}{2}y^2 + 6\frac{7}{12}x^2 + \frac{5}{9}x^3y^2 + \frac{3}{8}y^2 + 5\frac{2}{9}y$$

$$141) 2\frac{1}{2}x^2 - \frac{8}{11}xy + 5\frac{1}{2}x^3y^2 - 1\frac{1}{9}x^2 + \frac{2}{3}xy + 1\frac{2}{3}xy + \frac{1}{3}x^2y - 1\frac{1}{2}x^2$$

$$142) 1\frac{2}{9}v - \frac{8}{9}u^3v^2 + 5\frac{4}{11}v + 5uv^3 + 1\frac{9}{10}u^2v + \frac{1}{6}u^3v^2 + 6\frac{1}{3}u^2v - 1\frac{2}{3}uv^3$$

$$143) \frac{1}{2}a^2b^3 + 4\frac{1}{2}a^2b + 7a^2b^2 + 1\frac{5}{11}a^2b^3 - 1\frac{9}{10}a^3b^2 + a^2 + 3\frac{1}{2}a^2b - 1\frac{3}{10}a^2b^2$$

$$144) x^2 + 7xy^2 + x^2 + 2xy^2 + 5\frac{1}{10}x^2y^3 + 10x^2y^3 + 1\frac{1}{10}x^2 + \frac{1}{4}xy^2$$

$$145) \frac{1}{2}m^3n + \frac{8}{9}mn^3 + 1\frac{9}{11}mn^3 - 1\frac{11}{12}m^3n + 1\frac{1}{4}n^2 + 1\frac{1}{5}mn^3 - 1\frac{1}{4}m^3n - 9\frac{1}{9}n^2$$

$$146) 1\frac{11}{12}x^2y^2 + 5\frac{3}{5}y + x^2y^2 - 4x^3y^2 + 6\frac{1}{2}y + 2\frac{11}{12}x^2y^2 - 1\frac{4}{7}y + 1\frac{3}{8}x^3y^2$$

$$147) 1\frac{1}{3}x^2 + \frac{1}{2}x^2y^3 + 1\frac{5}{6}xy - 2\frac{3}{4}x^2y^2 - 1\frac{6}{11}x^2y^3 + \frac{1}{2}xy + \frac{5}{6}xy^3 + \frac{4}{7}x^2$$

$$148) 4\frac{5}{6}xy^2 + \frac{2}{9}x^2 + \frac{1}{12}xy^2 + 1\frac{1}{3}x^3y^3 + 2\frac{4}{9}x^2 + \frac{3}{7}x^2 - 3\frac{1}{2}xy^2 + 4\frac{6}{11}x^3y^3$$

$$149) \frac{1}{11}uv^3 + 5\frac{4}{7}u^2v + \frac{7}{10}u^2v + \frac{1}{2}uv^3 + 5\frac{1}{4}uv^2 + u^2v + 5\frac{1}{9}uv^3 + 1\frac{1}{4}u^2v^3$$

$$150) 1\frac{3}{4}a^2b^2 - 1\frac{1}{2}a^3b + \frac{3}{4}a^2b - 3\frac{1}{2}b^3 + \frac{4}{5}a^2b^2 + 1\frac{3}{7}a^2 - 2\frac{5}{8}a^3b + 10\frac{2}{5}a^2b$$

$$151) 7a^3 + 3\frac{1}{3}ab^3 + 1\frac{1}{3}a^3b^3 + 2\frac{1}{4}ab^3 + 1\frac{3}{7}a^3 + 5\frac{9}{10}ab^3 + 3\frac{1}{2}a^3b^3 + 3\frac{8}{9}a^3$$

$$152) 4\frac{5}{7}xy^2 + 1\frac{1}{9}x + 7y^3 + 2\frac{5}{11}x^3y^3 + 1\frac{3}{5}xy^2 + 5\frac{6}{11}x + \frac{2}{7}x^3y^3 + 1\frac{1}{2}xy^2$$

$$153) 1\frac{7}{12}a^3b^3 - 2b + 2\frac{1}{2}a^3b - 1\frac{6}{7}ab^3 - 2\frac{1}{7}a^3b^3 + 2\frac{3}{4}a^3b^3 + 4\frac{1}{8}ab^3 + 6\frac{1}{2}$$

$$154) \frac{1}{2}y + 1\frac{1}{6}x^2y^2 + \frac{5}{9}x^2y - 1\frac{2}{3}xy^3 - 1\frac{1}{7}x^2y^2 + 1\frac{1}{3}x^2y^2 + 11\frac{1}{8}y - 3\frac{6}{7}x^2y$$

$$155) 1\frac{3}{4}x - 1\frac{9}{10}x^3y^2 + 4\frac{1}{4}x^3y^2 - 2\frac{1}{9}x^3y^3 + 5\frac{1}{4}x + 1\frac{10}{11}x - 1\frac{9}{10}x^3y^3 - 1\frac{1}{10}x^3y^2$$

$$156) 3\frac{5}{6}x^3y^3 + 3\frac{2}{7}xy^3 + 4\frac{5}{8}x^3y^2 + \frac{5}{11}x - 2x^3y^3 + 6\frac{1}{6}x^3y^3 + \frac{9}{11}x^3 - 11xy^3$$

$$157) \frac{11}{12}x^3 + 3\frac{1}{11}xy^3 + \frac{1}{6}x^3 - 3\frac{5}{12} + 1\frac{1}{7}xy^3 + 1\frac{2}{7}xy^3 - 2x^3 + 6\frac{7}{9}$$

$$158) 4\frac{3}{4} + v^2 + 1\frac{8}{11}v^2 + 6\frac{6}{7} + 2\frac{1}{2}u^2v^2 + 3\frac{1}{3}u^2v^2 - \frac{1}{12}v^2 + \frac{1}{8}$$

$$159) 6\frac{5}{7}mn^3 + \frac{7}{12}m^3n^3 + 4\frac{4}{7}m^3n^3 + 5\frac{1}{11}m^3n + 6\frac{2}{9}mn^3 + m^3n - 1\frac{1}{4}mn^3 - 1\frac{5}{9}m^3n^3$$

$$160) 1\frac{1}{5}x^3y^2 + 5\frac{1}{5}x^2y + 1\frac{2}{3}x^2y - \frac{1}{3}xy^3 - 2\frac{7}{8}xy^2 + 1\frac{2}{5}xy^3 + \frac{3}{8}x^2 - 2xy^2$$

$$161) \frac{8}{9}x^2y^3 - 8x + \frac{6}{7}x^3y^2 - 1\frac{1}{2}x^2y^3 + 1\frac{1}{3}x + 2x^2y + 1\frac{1}{11}x + \frac{7}{9}x^3y^2$$

$$162) 6\frac{1}{4}x - 3\frac{1}{2}x^3y^2 + 2\frac{3}{5}x^2y + 1\frac{1}{5}x^3y^2 + 1\frac{6}{7}x + 4\frac{5}{6}y + x - 1\frac{2}{3}xy^2$$

$$163) 2\frac{7}{12}x^2y + 8xy^3 + \frac{1}{2}x^2y - \frac{4}{11}y - 3\frac{7}{10}xy + \frac{7}{9}y + 1\frac{4}{5}x^2y + 2x^3y^2$$

$$164) 9\frac{1}{3}xy - 1\frac{5}{12}x + 1\frac{2}{3}x - x^3y^3 - 1\frac{3}{10}xy^2 + 6\frac{5}{11}xy - 1\frac{5}{6}x - 1\frac{1}{7}xy^2$$

$$165) 1\frac{2}{5}mn - \frac{5}{9}m + 1\frac{1}{7}m^3 - 1\frac{5}{9}m^3n^2 + 2m + 5\frac{2}{9}m^3n^2 - 2\frac{2}{3}mn - \frac{3}{8}m^3$$

$$166) 2xy^3 + xy^2 + \frac{3}{8}xy^3 + 4\frac{1}{6}xy^2 - 1\frac{1}{4}x^3y^3 + 5\frac{1}{9}x^3y^3 + 1\frac{1}{9}xy^2 + \frac{2}{7}xy^3$$

$$167) \frac{5}{9}n^2 - 2\frac{1}{2}n^3 + \frac{1}{3}n^2 + \frac{7}{11}n^3 + 9\frac{5}{9}n + 1\frac{11}{12}n - 2n^3 + 2n^2$$

$$168) 1\frac{1}{2}x^2y + 2y^2 + \frac{8}{9}x + 6\frac{3}{4}y^2 - 1\frac{7}{9}x^2y + \frac{2}{3}x^2y + 1\frac{1}{8}x + 3\frac{7}{9}y^2$$

$$169) 1\frac{1}{2}b^3 - 3\frac{1}{3}a^2b^2 + \frac{3}{8}a^2b - 1\frac{5}{12}a^2b^2 - 1\frac{1}{3}a^3b^3 + 2a^2b^2 + 5b^2 - 2\frac{4}{11}b^3$$

$$170) 6\frac{3}{4}mn^3 + \frac{2}{5}m^3n^2 + 2\frac{3}{7}mn^3 + 6\frac{4}{11}m + m^3n^2 + 6\frac{6}{7}mn^3 + m - m^3n^2$$

$$171) \frac{5}{8}x^2y^3 + 3\frac{3}{7}x^3y^3 + \frac{1}{3}y^2 + 1\frac{1}{2}x^2y^2 + 1\frac{5}{12}x^3y^3 + \frac{2}{5}x^3y^3 - 1\frac{2}{3}x^3y^2 + 4\frac{7}{8}x^2y^2$$

$$172) 3\frac{1}{3}x^3 - 1\frac{1}{2}x^3y^3 + 2\frac{2}{3}xy + 5\frac{1}{7}xy^3 + x^3 + \frac{7}{9}x^3 - 2\frac{1}{2}x^3y^3 - \frac{4}{9}xy$$

$$173) 4\frac{5}{7}y^3 - 1\frac{1}{3}x^3 + 1\frac{1}{9}y^3 - x^3y + 2\frac{5}{11}x^3 + 2y^3 - 1\frac{3}{4}x^3y + 2\frac{7}{11}x^2y^3$$

$$174) \frac{3}{5} + \frac{1}{3}u^2 + \frac{1}{3}u^2 + 1\frac{8}{9}u^2v^3 - 3\frac{5}{6}v^2 + \frac{1}{2}v^2 - 1\frac{4}{7} + 6\frac{3}{4}u^2v^3$$

$$175) 2y - 2\frac{8}{11}x^3y^3 + \frac{3}{5}x^2y^3 - 4y - 1\frac{2}{3}x^3y^3 + 1\frac{2}{7}y^3 - 1\frac{1}{8}x^3y^3 - 1$$

$$176) \frac{1}{10}y^3 + 5\frac{3}{10}y^2 + 1\frac{1}{11}y^3 + y^2 + \frac{10}{11}y + 2\frac{4}{9}x^3y - \frac{1}{3} - \frac{1}{2}y^3$$

$$177) 3\frac{1}{12}a^3 + ab^2 + 12b^2 - \frac{1}{12} - 1\frac{1}{8}ab^2 + 1\frac{1}{2}ab^2 + b^2 - 1\frac{4}{5}a^3$$

$$178) \frac{1}{12}x^2 - 3\frac{1}{2}x^3 + 6\frac{3}{7}y + 1\frac{3}{8}x^2 - \frac{4}{7}x^3 + 5x^2 + \frac{1}{2}y - \frac{1}{2}x^3$$

$$179) 3\frac{1}{2}u + 6\frac{1}{2} + 1\frac{1}{4}v + 1\frac{6}{7} + 3\frac{1}{4}u + 9v - 1\frac{7}{9} + 4\frac{5}{12}u$$

$$180) \frac{2}{5} + 6\frac{5}{6}m + 1\frac{9}{10} - 3\frac{4}{7}m + 1\frac{1}{2}m^2n^2 + 2m^2n^2 + \frac{2}{3}m + 2\frac{1}{10}$$

$$181) \frac{5}{7}uv^3 + 2\frac{1}{10}uv^2 + 10v^3 - 2\frac{5}{8}u^3v + \frac{1}{2}uv^2 + 3\frac{1}{12}u^3v + 4\frac{7}{10}uv^3 - 1\frac{2}{3}uv^2$$

$$182) 1\frac{3}{5}xy + 2\frac{3}{8}x^3 + 1\frac{3}{5}xy + x^3 - 2\frac{2}{7}x^3y^3 + 6\frac{1}{2}x^3y^3 + \frac{3}{4}x^3 + 1\frac{6}{11}xy$$

$$183) 1\frac{1}{5}n + 4\frac{5}{7}m^2n^2 + \frac{1}{4}m^2n^2 + \frac{1}{7} + 3\frac{3}{4}n + 1\frac{4}{5}m^2n^3 - \frac{1}{2}m^2 - \frac{1}{8}n$$

$$184) 5\frac{5}{6}a^3b^2 + 5\frac{4}{7}a^3b^3 + 6\frac{7}{12}ab - 1\frac{5}{11}a^3b^2 + 2\frac{8}{9}a^3b^3 + 4\frac{1}{4} + 1\frac{7}{10}a^3b^2 + 1\frac{1}{2}a^3b^3$$

$$185) 3\frac{1}{3}x^2y + 1\frac{3}{7}x^3y^2 + 6\frac{5}{12}x^3y^3 + \frac{3}{10}xy - \frac{3}{4}x^2y + \frac{1}{2}xy + 4\frac{7}{10}x^2y + 3\frac{3}{8}x^3y^3$$

$$186) 1\frac{11}{12}u^3v + 6\frac{3}{8}u^3v^3 + 1\frac{2}{3}u^2v + 3\frac{5}{12}u^3v + 3\frac{7}{9}u^3v^3 + 4\frac{3}{10}u^2v^2 + 1\frac{7}{10}u^3v + \frac{1}{3}u^2v$$

$$187) 1\frac{5}{8}x^2y^2 + 1\frac{3}{4}x^3y^2 + 6\frac{11}{12}x^3y^2 + \frac{1}{9}y^3 + 1\frac{11}{12}x^2y^2 + 2\frac{9}{10}y^3 - xy - 1\frac{1}{10}x^2y^2$$

$$188) 3\frac{2}{5}x^2 - 1\frac{1}{2}y^3 + \frac{1}{3}x^3y + 1\frac{2}{7}x^2 + 6\frac{4}{7}y^3 + \frac{1}{3}y^3 + 6\frac{7}{12}x^3y - 1\frac{1}{11}y$$

$$189) 4\frac{3}{4}u^2v^2 - 1\frac{7}{12}u^3v + \frac{2}{3}u^3v - 3\frac{7}{12}u - 2u^2v^2 + 3\frac{5}{8}u^2v^2 - 1\frac{1}{2}u + 1\frac{1}{3}u^3v$$

$$190) 1\frac{3}{4}xy^2 + \frac{3}{4}y + \frac{4}{9}xy^2 + \frac{1}{2}y - 2\frac{1}{8}y^3 + \frac{7}{10}y^3 - \frac{3}{5}xy^2 - 10y$$

$$191) 2\frac{3}{7}x^3y - 2xy^3 + 2xy^3 + 6\frac{2}{3}x + 5\frac{1}{12}x^3 + 4\frac{2}{3}xy^3 + x^3 - 1\frac{2}{3}x^3y$$

$$192) 1\frac{1}{5}y^2 - 2xy^2 + 2xy^2 - 2\frac{5}{6}y^2 + 1\frac{1}{9}x + 5\frac{1}{8}y^2 + 3\frac{5}{9}x + 4\frac{3}{8}xy^2$$

$$193) 3\frac{7}{8}ab^2 + 1\frac{7}{8}ab + \frac{3}{5}a^2b + 2\frac{9}{10}ab^2 - 2\frac{5}{7}ab + 1\frac{1}{5}ab + 4\frac{8}{9}a^2b - \frac{5}{12}ab^2$$

$$194) 1\frac{4}{7}n^2 + 3\frac{7}{12}m^2n^2 + 6\frac{1}{8}m^3n^3 - 1\frac{10}{11}n^2 + \frac{7}{9}m^2n^2 + 2m^3n^2 - 3\frac{7}{10}m^3n^3 + \frac{3}{7}m^2n^2$$

$$195) 1\frac{1}{3}xy + 2\frac{2}{11}x^2y^2 + 3\frac{2}{7}xy - \frac{1}{7}x^2y^2 + 4\frac{9}{11}x^3y^3 + 1\frac{2}{3}x^3y + 4\frac{1}{2}x^2y^2 + 1\frac{3}{5}x^3y^3$$

$$196) \frac{1}{2}x + 5\frac{4}{5}x^2y^2 + 1\frac{7}{9}x^3y^3 + \frac{5}{7}x - 1\frac{1}{7}x^2y^3 + \frac{1}{2}x^3y^3 - 1\frac{3}{5}x + 4\frac{9}{11}x^2y^3$$

$$197) 1\frac{3}{8}x^2 - x^2y^2 + 1\frac{5}{9}x^3y + 2\frac{2}{3}x^3y^2 + 1\frac{2}{3}y + \frac{2}{9}y + 1\frac{5}{12}x^2 + \frac{1}{8}x^2y^2$$

$$198) 2\frac{3}{4} + \frac{1}{9}xy^3 + 3\frac{1}{3}y^2 - x^2y - \frac{1}{2}xy^3 + 1\frac{3}{4}x^2y - \frac{1}{3}y^2 + 6\frac{9}{10}$$

$$199) \frac{1}{6}x^3y + \frac{2}{3}x + 2\frac{1}{2}x^2y + \frac{1}{5}xy^2 + 1\frac{1}{7}y^3 + \frac{1}{4}y^3 + \frac{7}{9}x^2y - \frac{1}{5}x$$

$$200) 5\frac{10}{11}b^3 - 1\frac{3}{5}ab^2 + 3\frac{11}{12}a^2b^3 + 2\frac{5}{8}b^3 + 2a^2 + 6\frac{1}{3}a^2b^3 - \frac{6}{7}b^3 + 4\frac{9}{10}a^2b$$

$$201) \frac{7}{8}y + 6\frac{11}{20}x^3 - \frac{2}{7} + \frac{6}{11}y - 9\frac{6}{7}x^3 - \frac{2}{7} + \frac{6}{11}y - 9\frac{6}{7}x^3$$

$$202) 4\frac{1}{9}y + 1\frac{1}{6}x^2y^3 - 2y - 1\frac{8}{17}y^3x - 6\frac{9}{10}y^3x^2 - 2y - 1\frac{8}{17}y^3x - 6\frac{9}{10}y^3x^2$$

$$203) 1\frac{4}{13}ab^2 - 2\frac{1}{16}b - 1\frac{3}{4}b + 3\frac{1}{2}b^2a + 1\frac{6}{13}b^3a^2 - 1\frac{3}{4}b + 3\frac{1}{2}b^2a + 1\frac{6}{13}b^3a^2$$

$$204) \frac{14}{15}xy^2 + 3\frac{7}{13}xy - 1\frac{8}{13} - 1\frac{8}{9}xy^2 - 4\frac{2}{7}xy - 1\frac{8}{13} - 1\frac{8}{9}xy^2 - 4\frac{2}{7}xy$$

$$205) \frac{4}{5}x^3 + \frac{7}{13}x^2y^2 - 9\frac{1}{8}y^2x^2 - 8\frac{1}{17}yx + \frac{2}{3}y - 9\frac{1}{8}y^2x^2 - 8\frac{1}{17}yx + \frac{2}{3}y$$

$$206) 8\frac{6}{7}a^3b - 1\frac{2}{3}a^3b^3 - \frac{1}{9}a^3b^3 + \frac{1}{8}a^3 - 1\frac{11}{13}a^3b - \frac{1}{9}a^3b^3 + \frac{1}{8}a^3 - 1\frac{11}{13}a^3b$$

$$207) 1\frac{7}{15}x^2y^2 - \frac{13}{14}x^3 - \frac{1}{11}y^2 - 7\frac{2}{11}x^3 + 2\frac{10}{19} - \frac{1}{11}y^2 - 7\frac{2}{11}x^3 + 2\frac{10}{19}$$



$$208) 1\frac{1}{4}u^3v^3 - 13u^3v^2 - 2u^3v^3 - 9\frac{7}{15}u^3v^2 - \frac{3}{16} - 2u^3v^3 - 9\frac{7}{15}u^3v^2 - \frac{3}{16}$$

$$209) 5\frac{10}{17}x^3y^2 + \frac{2}{5}y^3 - 1\frac{3}{16}x^3y^2 - 8\frac{13}{15} - 1\frac{3}{4}y^3 - 1\frac{3}{16}x^3y^2 - 8\frac{13}{15} - 1\frac{3}{4}y^3$$

$$210) 6\frac{1}{3}xy + \frac{1}{17}y^2 - 2y^3x^3 - 3\frac{5}{8}yx - 3\frac{3}{4}y^2 - 2y^3x^3 - 3\frac{5}{8}yx - 3\frac{3}{4}y^2$$

$$211) 2a^2b - \frac{4}{13}ab^3 - 2a^2b + 14\frac{1}{17}a^2b^3 + 1\frac{1}{9}ab^3 - 2a^2b + 14\frac{1}{17}a^2b^3 + 1\frac{1}{9}ab^3$$

$$212) 1\frac{13}{16}m^3n^2 - 1\frac{4}{7}m^2 - 5n^3 - 2\frac{5}{14}m^2 + 19\frac{3}{14}m^3n^2 - 5n^3 - 2\frac{5}{14}m^2 + 19\frac{3}{14}m^3n^2$$

$$213) \frac{3}{5}x + 8\frac{2}{11}xy^3 - 10\frac{11}{15}y^3x - 3\frac{1}{10}y^3 - 4\frac{7}{10}x - 10\frac{11}{15}y^3x - 3\frac{1}{10}y^3 - 4\frac{7}{10}x$$

$$214) \frac{1}{2}x^3y - \frac{1}{6}xy^3 - 2\frac{17}{18}x^3y - \frac{2}{5}x^3 + 2\frac{4}{19}xy^3 - 2\frac{17}{18}x^3y - \frac{2}{5}x^3 + 2\frac{4}{19}xy^3$$

$$215) 4\frac{5}{16}x^2 + 4\frac{2}{5}x^3y^3 - 6\frac{2}{7}x^2 - 5\frac{1}{12}x^3y^3 + 2\frac{4}{9}xy^2 - 6\frac{2}{7}x^2 - 5\frac{1}{12}x^3y^3 + 2\frac{4}{9}xy^2$$

$$216) 1\frac{7}{8}x^3y - 19\frac{9}{10}x^3y^3 - \frac{7}{19}x^2 + \frac{7}{9}x^3y - \frac{7}{10}x^3y^3 - \frac{7}{19}x^2 + \frac{7}{9}x^3y - \frac{7}{10}x^3y^3$$

$$217) \frac{10}{13}b + \frac{2}{7}ab^3 - 6\frac{1}{6}b^3a^3 + 1\frac{2}{3}b^3a + 1\frac{16}{17}b - 6\frac{1}{6}b^3a^3 + 1\frac{2}{3}b^3a + 1\frac{16}{17}b$$

$$218) 2x^2 + 7x^3y^2 - \frac{4}{5}x^2 - \frac{17}{18}x^3 + \frac{2}{3}y^2 - \frac{4}{5}x^2 - \frac{17}{18}x^3 + \frac{2}{3}y^2$$

$$219) 1\frac{1}{7}x^2y^3 + 2\frac{1}{2}x^3y - 6\frac{3}{4}x^2y^3 - \frac{8}{9}x^2y^2 + 3\frac{3}{20}x^3y - 6\frac{3}{4}x^2y^3 - \frac{8}{9}x^2y^2 + 3\frac{3}{20}x^3y$$

$$220) 3\frac{2}{17}m + 10\frac{1}{2}n + 3m - 10\frac{3}{4}n - \frac{5}{18}nm^2 + 3m - 10\frac{3}{4}n - \frac{5}{18}nm^2$$

$$221) 1\frac{2}{17}x^2y - 1\frac{4}{7}xy - \frac{5}{12}x^2 - 6\frac{13}{16}xy - 3\frac{15}{16}x^2y - \frac{5}{12}x^2 - 6\frac{13}{16}xy - 3\frac{15}{16}x^2y$$

$$222) 9\frac{10}{13}xy + 6\frac{14}{15}xy^2 - \frac{18}{19}x^2y - 5\frac{7}{16}xy - 1\frac{11}{18}xy^2 - \frac{18}{19}x^2y - 5\frac{7}{16}xy - 1\frac{11}{18}xy^2$$

$$223) 1\frac{1}{5}v - 1\frac{7}{10}u^2 + 2u^3v^2 - \frac{7}{12}u^2 - 6\frac{5}{6}v + 2u^3v^2 - \frac{7}{12}u^2 - 6\frac{5}{6}v$$

$$224) 1\frac{6}{7}xy + x^3y - 2\frac{1}{3}xy + 11\frac{1}{8}xy^2 + \frac{1}{3}x^3y - 2\frac{1}{3}xy + 11\frac{1}{8}xy^2 + \frac{1}{3}x^3y$$

$$225) 2\frac{16}{17}xy^3 + 2\frac{5}{14}x^2y^2 - 4\frac{1}{3}x^2y^2 + 1\frac{2}{3}xy^3 + \frac{5}{7} - 4\frac{1}{3}x^2y^2 + 1\frac{2}{3}xy^3 + \frac{5}{7}$$

$$226) \frac{1}{8}a^3 + 7\frac{3}{4}a^2 - 4a^3 - 8\frac{1}{16}a^2b^2 - 1\frac{2}{3}a^3b^3 - 4a^3 - 8\frac{1}{16}a^2b^2 - 1\frac{2}{3}a^3b^3$$

$$227) 1\frac{3}{7}b^3 + 1\frac{6}{13}a^2b^3 - 1\frac{2}{3}b^2a - 2\frac{3}{4}b^3 + \frac{1}{9}b^3a^2 - 1\frac{2}{3}b^2a - 2\frac{3}{4}b^3 + \frac{1}{9}b^3a^2$$

$$228) \frac{4}{9}x^3y^3 + 1\frac{2}{3}x^3y - 1\frac{1}{2}x^3y^2 - 1\frac{1}{16}x^2 - 1\frac{1}{2}x^3y - 1\frac{1}{2}x^3y^2 - 1\frac{1}{16}x^2 - 1\frac{1}{2}x^3y$$

$$229) 1\frac{11}{13}m^3 + 4\frac{7}{16}m^2n^2 - 7\frac{3}{5} - 4\frac{7}{8}n^2 - 6\frac{3}{8}m^2n^2 - 7\frac{3}{5} - 4\frac{7}{8}n^2 - 6\frac{3}{8}m^2n^2$$

$$230) \frac{12}{17}a^3b^3 - \frac{7}{12}a - 1\frac{3}{4}a^2b^3 - 3\frac{3}{10}ab^2 + 3\frac{1}{10}a^3b^3 - 1\frac{3}{4}a^2b^3 - 3\frac{3}{10}ab^2 + 3\frac{1}{10}a^3b^3$$

$$231) 1\frac{2}{15}x^2 - \frac{1}{5}x^3y + 7y^2x^2 - 8\frac{7}{8}y^2x + 1\frac{11}{20}y^2 + 7y^2x^2 - 8\frac{7}{8}y^2x + 1\frac{11}{20}y^2$$

$$232) 11u^2v^3 + \frac{1}{2}uv^2 - 9\frac{1}{10} - \frac{12}{17}uv^2 + 3\frac{1}{4}u^2v^3 - 9\frac{1}{10} - \frac{12}{17}uv^2 + 3\frac{1}{4}u^2v^3$$

$$233) 5\frac{16}{17}xy^3 + 3\frac{11}{20}x^2y^2 - 1\frac{7}{20}x^2y^2 + 1\frac{3}{20}x^3y^2 - 1\frac{1}{4}xy^3 - 1\frac{7}{20}x^2y^2 + 1\frac{3}{20}x^3y^2 - 1\frac{1}{4}xy^3$$

$$234) 1\frac{3}{10}a^2b - 2\frac{3}{5}a^3b^3 + 9b^3 - 9\frac{13}{16}b^3a^3 - \frac{2}{3}ba^2 + 9b^3 - 9\frac{13}{16}b^3a^3 - \frac{2}{3}ba^2$$

$$235) \frac{15}{19}x^2y + 4\frac{1}{2}x^3y^3 + y^3x^3 + 2y^2x - 2\frac{11}{18}y + y^3x^3 + 2y^2x - 2\frac{11}{18}y$$

$$236) 10\frac{1}{14}x^2y^3 - 2\frac{6}{7}x^2y - 10y^3x^2 - 3\frac{7}{18}yx^2 - 1\frac{4}{15}y - 10y^3x^2 - 3\frac{7}{18}yx^2 - 1\frac{4}{15}y$$

$$237) 9\frac{4}{15}xy^2 + 3\frac{8}{9}x^3y^2 - 12\frac{9}{17}x^2 - 3\frac{6}{17}xy^2 - 1\frac{6}{7}x^3y^2 - 12\frac{9}{17}x^2 - 3\frac{6}{17}xy^2 - 1\frac{6}{7}x^3y^2$$

$$238) 5\frac{7}{20}mn^3 + 6\frac{9}{14}m^3n^2 - 1\frac{3}{5}mn^3 + 1\frac{3}{10}m^3n^3 + \frac{7}{10} - 1\frac{3}{5}mn^3 + 1\frac{3}{10}m^3n^3 + \frac{7}{10}$$

$$239) 2\frac{17}{18}xy^2 + 6\frac{3}{19}x^2 - 1\frac{15}{19}x^2 - 1\frac{9}{10}x^2y + \frac{1}{2}x - 1\frac{15}{19}x^2 - 1\frac{9}{10}x^2y + \frac{1}{2}x$$

$$240) 1\frac{3}{5}x^2y^3 + \frac{1}{9} - 19\frac{1}{14}x^2 - 8\frac{9}{14}x^2y^3 - \frac{1}{2}x^3y - 19\frac{1}{14}x^2 - 8\frac{9}{14}x^2y^3 - \frac{1}{2}x^3y$$

$$241) 8\frac{1}{4}x - 1\frac{4}{9}x^2y - 2xy^2 - \frac{5}{12}x^2y^3 - \frac{4}{11}x^2y - 2xy^2 - \frac{5}{12}x^2y^3 - \frac{4}{11}x^2y$$

$$242) 1\frac{2}{5}x^3y^3 - 1\frac{5}{12}y^3 - 1\frac{4}{5}x^3y^3 + \frac{9}{20}x + 1\frac{11}{18}xy^3 - 1\frac{4}{5}x^3y^3 + \frac{9}{20}x + 1\frac{11}{18}xy^3$$

$$243) 3\frac{1}{2}m^2 + 3\frac{2}{3}mn^3 - 10\frac{1}{2}m^2 - 8\frac{3}{11}m^2n - \frac{11}{17}mn^3 - 10\frac{1}{2}m^2 - 8\frac{3}{11}m^2n - \frac{11}{17}mn^3$$

$$244) \frac{2}{5} - 1\frac{13}{14}uv - 1\frac{2}{3}v^2 - 10\frac{2}{3}vu - 7\frac{13}{14}v^3u^2 - 1\frac{2}{3}v^2 - 10\frac{2}{3}vu - 7\frac{13}{14}v^3u^2$$

$$245) 3\frac{4}{5}n + \frac{9}{13}m^3 - 2m^3 - 1\frac{1}{2}nm + 3\frac{14}{17}n - 2m^3 - 1\frac{1}{2}nm + 3\frac{14}{17}n$$

$$246) \frac{10}{13}x^2y^3 - 1\frac{17}{18}xy - 7xy - 4\frac{7}{17}xy^3 - 3\frac{11}{18}x^2y^3 - 7xy - 4\frac{7}{17}xy^3 - 3\frac{11}{18}x^2y^3$$

$$247) 10\frac{19}{20}x^3 - \frac{1}{2}y^2 - 2x^3 - 1\frac{8}{9}y^3x^2 - 10\frac{9}{10}y - 2x^3 - 1\frac{8}{9}y^3x^2 - 10\frac{9}{10}y$$

$$248) 2\frac{1}{2}x^3 + 1\frac{6}{7}x^2y^3 + 2y - 1\frac{1}{2}x^2y^3 + \frac{3}{4}x^3 + 2y - 1\frac{1}{2}x^2y^3 + \frac{3}{4}x^3$$

$$249) 1\frac{17}{19}u^3v^2 + uv + v^2 - 1\frac{5}{7}vu - 9\frac{1}{13}v^2u^3 + v^2 - 1\frac{5}{7}vu - 9\frac{1}{13}v^2u^3$$

$$250) 7\frac{1}{2}x^3y + 1\frac{10}{17}y^2 - 4\frac{1}{12}y^2 - 1\frac{6}{17} + \frac{1}{2}xy^3 - 4\frac{1}{12}y^2 - 1\frac{6}{17} + \frac{1}{2}xy^3$$

$$251) \frac{1}{13}ab^2 + 8\frac{4}{13}b - \frac{13}{14}b - 2\frac{11}{19}a^3 - 8\frac{3}{4}a^2 - \frac{13}{14}b - 2\frac{11}{19}a^3 - 8\frac{3}{4}a^2$$

$$252) \frac{1}{10}x^3y^2 + 1\frac{1}{18}xy^3 - 1\frac{16}{19}x^3y^2 - 3\frac{1}{3}xy^2 + \frac{8}{9}xy^3 - 1\frac{16}{19}x^3y^2 - 3\frac{1}{3}xy^2 + \frac{8}{9}xy^3$$

$$253) 1\frac{4}{5}x^2y^2 + 6\frac{1}{6}x^3 - x^3 - \frac{3}{20}y^2 - 4\frac{1}{4}yx^2 - x^3 - \frac{3}{20}y^2 - 4\frac{1}{4}yx^2$$

$$254) 20\frac{1}{6}m + \frac{3}{5}n - 16m - 5\frac{9}{20}n^3m^3 + 1\frac{3}{4}n - 16m - 5\frac{9}{20}n^3m^3 + 1\frac{3}{4}n$$

$$255) 4\frac{1}{10}y^3 + 9\frac{1}{15} + x^2y^2 - 10\frac{16}{17} + 1\frac{14}{17}y^3 + x^2y^2 - 10\frac{16}{17} + 1\frac{14}{17}y^3$$

$$256) \frac{13}{17}u^2 - 1\frac{4}{9}u^3v^3 - 1\frac{3}{17}u^2v^3 - \frac{1}{10}u^2 - 5\frac{1}{12}u^3v^3 - 1\frac{3}{17}u^2v^3 - \frac{1}{10}u^2 - 5\frac{1}{12}u^3v^3$$

$$257) 18u^3v - 2u - \frac{5}{12}u^3v - 7\frac{1}{10}uv^3 + 1\frac{11}{19}u - \frac{5}{12}u^3v - 7\frac{1}{10}uv^3 + 1\frac{11}{19}u$$

$$258) 2\frac{1}{2}xy^3 - \frac{3}{8}x^2y^2 - 2\frac{4}{11}x^2y^2 + 3\frac{4}{5}x^3y - 2\frac{3}{14}xy^3 - 2\frac{4}{11}x^2y^2 + 3\frac{4}{5}x^3y - 2\frac{3}{14}xy^3$$

$$259) 14\frac{2}{3}x^3y^3 + \frac{3}{8}y^3 - 6\frac{11}{12}y^2 - 3\frac{19}{20}y^3 + 3\frac{11}{17}y^3x^3 - 6\frac{11}{12}y^2 - 3\frac{19}{20}y^3 + 3\frac{11}{17}y^3x^3$$

$$260) \frac{2}{3} + 3\frac{6}{7}m^2 - 10\frac{1}{4} - \frac{6}{7}n^2 - 1\frac{1}{3}m^3n^3 - 10\frac{1}{4} - \frac{6}{7}n^2 - 1\frac{1}{3}m^3n^3$$

$$261) 1\frac{14}{15}m^3n - \frac{6}{11}n^3 - 3\frac{11}{14}m^2 - 6\frac{3}{7} - 10\frac{7}{16}m^3n - 3\frac{11}{14}m^2 - 6\frac{3}{7} - 10\frac{7}{16}m^3n$$

$$262) \frac{4}{11}x + 5\frac{3}{7}x^2y^2 - \frac{6}{7}x^2y^2 + 1\frac{6}{11}x^3 + 3\frac{7}{8}y - \frac{6}{7}x^2y^2 + 1\frac{6}{11}x^3 + 3\frac{7}{8}y$$

$$263) 3\frac{11}{12}v^2 + \frac{1}{3}u^3v - 5 - 1\frac{1}{2}vu^3 - \frac{1}{3}v^2 - 5 - 1\frac{1}{2}vu^3 - \frac{1}{3}v^2$$

$$264) 6\frac{14}{15}x - 1\frac{11}{18} - 8\frac{1}{17}x^3y + 1\frac{15}{17}x^3 - \frac{3}{4}xy^2 - 8\frac{1}{17}x^3y + 1\frac{15}{17}x^3 - \frac{3}{4}xy^2$$

$$265) 1\frac{7}{10}a^2b + \frac{3}{5}b - a^2b - 1\frac{1}{3}a^3b^3 + 1\frac{7}{8}ab^2 - a^2b - 1\frac{1}{3}a^3b^3 + 1\frac{7}{8}ab^2$$

$$266) x^3 + \frac{1}{3}xy - 1\frac{10}{17}xy - 10\frac{8}{19}x^2y + 1\frac{8}{9}x^3 - 1\frac{10}{17}xy - 10\frac{8}{19}x^2y + 1\frac{8}{9}x^3$$

$$267) 15u^2v + 9\frac{2}{3}u^3v^3 + 2uv^3 - 10\frac{13}{19}u^2v + 1\frac{5}{18}u^3v^3 + 2uv^3 - 10\frac{13}{19}u^2v + 1\frac{5}{18}u^3v^3$$

$$268) 1\frac{4}{5}x^2y - \frac{1}{3}x^3y^2 + 17y^2x^3 - \frac{7}{15}y^2 + 3\frac{1}{15}yx^2 + 17y^2x^3 - \frac{7}{15}y^2 + 3\frac{1}{15}yx^2$$

$$269) 8\frac{1}{9}a^3b - \frac{1}{4}a^3b^2 - 7a^3b^2 - ab - 7\frac{6}{19}a^3b - 7a^3b^2 - ab - 7\frac{6}{19}a^3b$$

$$270) 10\frac{17}{20}x^3y + 2\frac{1}{2}x - 1\frac{2}{5}x^3 - 6\frac{5}{8}x^2y - 1\frac{5}{6}x^3y - 1\frac{2}{5}x^3 - 6\frac{5}{8}x^2y - 1\frac{5}{6}x^3y$$

$$271) \frac{3}{14}xy^3 + 1\frac{4}{15}y - 8\frac{5}{6}yx^3 + 1\frac{10}{19}y^3x + \frac{1}{2}y^2 - 8\frac{5}{6}yx^3 + 1\frac{10}{19}y^3x + \frac{1}{2}y^2$$

$$272) \frac{4}{19}x^3 - 1\frac{3}{8}x^3y - 4\frac{3}{8}x^3y + \frac{6}{11}x^3y^2 - 1\frac{2}{5}x^3 - 4\frac{3}{8}x^3y + \frac{6}{11}x^3y^2 - 1\frac{2}{5}x^3$$

$$273) 9\frac{3}{4}y^2 - 1\frac{10}{17}x^3y - \frac{2}{3}yx^3 + 1\frac{14}{15}y^2 - 5\frac{3}{8}y^3x - \frac{2}{3}yx^3 + 1\frac{14}{15}y^2 - 5\frac{3}{8}y^3x$$

$$274) 1\frac{1}{3}x^2 + 5\frac{15}{19}x^3 - \frac{7}{20}x^2y^2 - 4\frac{13}{14}x^2 - 6\frac{7}{10}x^2y^3 - \frac{7}{20}x^2y^2 - 4\frac{13}{14}x^2 - 6\frac{7}{10}x^2y^3$$

$$275) 16\frac{7}{8}v^3 - \frac{1}{5}u^3 - 1\frac{4}{5}v^3 - 5\frac{1}{3}v^2u^2 + 1\frac{1}{4}v^2u^3 - 1\frac{4}{5}v^3 - 5\frac{1}{3}v^2u^2 + 1\frac{1}{4}v^2u^3$$

$$276) 7\frac{6}{19}x^2y^2 + 2x^3y^2 - y^2x^2 + 12y^2x^3 - 3\frac{2}{7}y^2 - y^2x^2 + 12y^2x^3 - 3\frac{2}{7}y^2$$

$$277) 8\frac{5}{6}x^3 + 2\frac{8}{9}x^3y^3 - 1\frac{1}{2}x^3y^3 + 3\frac{4}{11}xy^2 - 8\frac{17}{20}x^3 - 1\frac{1}{2}x^3y^3 + 3\frac{4}{11}xy^2 - 8\frac{17}{20}x^3$$

$$278) 1\frac{6}{13}mn + \frac{2}{3}mn^3 - m^3n^3 - 20mn + 2mn^3 - m^3n^3 - 20mn + 2mn^3$$

$$279) \frac{9}{13}b + 9\frac{4}{5}b^2 - 8\frac{1}{15}b^2a^3 + 1\frac{2}{3}b^2 + 1\frac{4}{9}b^3a^3 - 8\frac{1}{15}b^2a^3 + 1\frac{2}{3}b^2 + 1\frac{4}{9}b^3a^3$$

$$280) 9\frac{1}{2}x^3y^2 - \frac{9}{14}x^2y^2 - 1\frac{4}{5}x^2y^3 + 1\frac{12}{17}x^3y^2 - 2\frac{1}{8}x^2y^2 - 1\frac{4}{5}x^2y^3 + 1\frac{12}{17}x^3y^2 - 2\frac{1}{8}x^2y^2$$

$$281) \frac{1}{5}m^3 + 10\frac{2}{9}m^3n^3 - 2\frac{5}{11}m^3 + \frac{1}{3}m^3n^3 - 1\frac{11}{18}m^2n^2 - 2\frac{5}{11}m^3 + \frac{1}{3}m^3n^3 - 1\frac{11}{18}m^2n^2$$

$$282) \frac{1}{4}x^2 + 1\frac{1}{2}x^2y - 12x^2 - 1\frac{2}{15}x^3 + 1\frac{5}{8}x^2y - 12x^2 - 1\frac{2}{15}x^3 + 1\frac{5}{8}x^2y$$

$$283) 6\frac{3}{13}u^2 - 1\frac{11}{13}u^3v^3 - 8\frac{13}{18}uv + \frac{3}{10}u^2 + \frac{4}{5}u - 8\frac{13}{18}uv + \frac{3}{10}u^2 + \frac{4}{5}u$$

$$284) 1\frac{2}{3}x^2 - \frac{4}{5}y^3 - 1\frac{1}{8}x^2y^2 - 3\frac{11}{19}x + \frac{1}{2}y^3 - 1\frac{1}{8}x^2y^2 - 3\frac{11}{19}x + \frac{1}{2}y^3$$

$$285) 1\frac{9}{10}n^3 + 1\frac{3}{8}m - 1\frac{4}{9}m^2 + 1\frac{7}{13}n^3 - 10\frac{11}{16}m - 1\frac{4}{9}m^2 + 1\frac{7}{13}n^3 - 10\frac{11}{16}m$$

$$286) 1\frac{1}{4}b^3 - 19a^2b^3 + 2b^3 - 1\frac{2}{13}b^3a^2 + \frac{1}{4}b^2a^2 + 2b^3 - 1\frac{2}{13}b^3a^2 + \frac{1}{4}b^2a^2$$

$$287) 2\frac{10}{13}y^2 + 5\frac{1}{3}y^3 - \frac{1}{5}y^3 + 1\frac{1}{3}y + 2\frac{3}{19}y^2 - \frac{1}{5}y^3 + 1\frac{1}{3}y + 2\frac{3}{19}y^2$$

$$288) 7\frac{3}{14}m^3 - 12m + 2m^2n^3 - 4\frac{5}{17}m - 1\frac{11}{17}m^3 + 2m^2n^3 - 4\frac{5}{17}m - 1\frac{11}{17}m^3$$

$$289) 8\frac{5}{6}u^3v^3 + 2\frac{7}{19}v^3 + 8v^3u^3 - 1\frac{4}{5}v^3 - 10\frac{1}{20}vu^3 + 8v^3u^3 - 1\frac{4}{5}v^3 - 10\frac{1}{20}vu^3$$

$$290) 7\frac{3}{5}u^2v + 9\frac{5}{14}u^3v^3 - \frac{1}{7}vu^2 - 1\frac{2}{3}v^3u + 1\frac{1}{18}v^3 - \frac{1}{7}vu^2 - 1\frac{2}{3}v^3u + 1\frac{1}{18}v^3$$

$$291) 1\frac{4}{9}x^2y + \frac{4}{13}x^3y - x^2y - 2x^3y + 14\frac{14}{15}x^3 - x^2y - 2x^3y + 14\frac{14}{15}x^3$$

$$292) 20 - 1\frac{1}{6}uv - 9 - 3\frac{1}{5}u + 3\frac{13}{14}uv - 9 - 3\frac{1}{5}u + 3\frac{13}{14}uv$$

$$293) 9\frac{1}{3}y^2 + \frac{16}{19}xy - 8\frac{10}{13} + 1\frac{5}{13}xy + \frac{8}{15}y^2 - 8\frac{10}{13} + 1\frac{5}{13}xy + \frac{8}{15}y^2$$

$$294) \frac{3}{5} - xy^3 - \frac{2}{3}y^2x^2 - 4\frac{12}{13}y^3 - 7\frac{7}{12} - \frac{2}{3}y^2x^2 - 4\frac{12}{13}y^3 - 7\frac{7}{12}$$

$$295) 1\frac{1}{2}b + \frac{1}{5}a^3b - 3\frac{2}{7}ba^3 - \frac{2}{5}b^3a + 2\frac{3}{16}b - 3\frac{2}{7}ba^3 - \frac{2}{5}b^3a + 2\frac{3}{16}b$$

$$296) 2xy^3 + 4\frac{2}{3} - x^3y^2 - \frac{1}{4} - 7\frac{2}{5}xy^3 - x^3y^2 - \frac{1}{4} - 7\frac{2}{5}xy^3$$

$$297) 1\frac{13}{16}y^3 + 3\frac{11}{18}xy^2 - \frac{1}{3}yx^3 - 9\frac{3}{4}y^2x^2 - 5\frac{5}{8}y^3 - \frac{1}{3}yx^3 - 9\frac{3}{4}y^2x^2 - 5\frac{5}{8}y^3$$

$$298) \frac{1}{5}x^3y - 1\frac{4}{15}xy^3 - \frac{1}{2}x^3y - 1\frac{4}{7}xy^3 + \frac{3}{4}x^2 - \frac{1}{2}x^3y - 1\frac{4}{7}xy^3 + \frac{3}{4}x^2$$

$$299) 2\frac{5}{11} + \frac{5}{18}x^3y^3 + 5y^3x^3 - \frac{11}{12}y^3 - 1\frac{4}{9}y^3x^2 + 5y^3x^3 - \frac{11}{12}y^3 - 1\frac{4}{9}y^3x^2$$

$$300) 1\frac{9}{10}uv + 1\frac{11}{15}v^2 - 4\frac{6}{7}uv^2 + 3\frac{4}{5} + \frac{2}{3}uv - 4\frac{6}{7}uv^2 + 3\frac{4}{5} + \frac{2}{3}uv$$

$$301) \left(5\frac{16}{19}x + 2\frac{1}{2}xy\right) - \left(8\frac{1}{3}xy^2 + 1\frac{2}{13}x - 1\frac{1}{3}xy\right) - \left(4\frac{1}{10}x + 9\frac{7}{10}xy^2 + 5\frac{5}{6}xy\right)$$

$$302) \left(10\frac{3}{4}x^2y^3 + \frac{1}{14}x^2y^2\right) + \left(7\frac{3}{10}x^2y^2 - x^3y^3 - 2\frac{2}{3}x^2y^3\right) + \left(1\frac{4}{9}x^3y^3 + 13x^2y^3 - \frac{1}{2}\right)$$

$$303) \left(\frac{5}{12}ab^2 + 1\frac{7}{18}\right) + \left(6\frac{2}{7}a^2b^3 - 1\frac{14}{15}a^3b^2 - 1\frac{1}{12}ab^2\right) - \left(\frac{1}{6}a^3b^2 + \frac{5}{6} - 2\frac{3}{8}a^2b^3\right)$$

$$304) \left(20a^3b^3 + 1\frac{2}{3}a^3\right) + \left(\frac{7}{12}a^3 + \frac{7}{11}a^2b + 17\frac{11}{15}a^2b^2\right) - \left(\frac{11}{20}a^3 - 3\frac{1}{18}a^2b - 1\frac{1}{14}a^3b^3\right)$$

$$305) \left(7\frac{5}{9}x^3y^2 + \frac{1}{3}x^2y\right) + \left(10\frac{13}{18}x^2y + 9\frac{3}{4} + 6\frac{1}{5}x^2\right) - \left(3\frac{5}{8}x^3y^2 - 3\frac{1}{2}x^2 + 9\frac{2}{3}\right)$$

$$306) \left(2m^3n^2 + 8\frac{5}{14}m^2n\right) - \left(3\frac{1}{3}m^3 + 9\frac{3}{7} + 4\frac{7}{18}m^3n^2\right) - \left(5\frac{1}{4}m^3 + m^3n - \frac{7}{15}\right)$$

$$307) \left(\frac{1}{11}xy + 9\frac{5}{18}x^3y^2\right) + \left(4\frac{4}{7}x^2y - 1\frac{1}{8}x^3y^2 + 6\frac{9}{14}xy\right) - \left(1\frac{2}{13}x^2y + 7\frac{5}{7}x + \frac{1}{4}xy\right)$$

$$308) \left(4\frac{8}{11}x^3y^2 - 1\frac{10}{17}\right) + \left(1\frac{3}{7}y - \frac{1}{5} + \frac{4}{7}x^2\right) + \left(1 + 9\frac{5}{12}x^2y + 1\frac{1}{20}y\right)$$

$$309) \left(\frac{11}{16}u^3v^2 + \frac{9}{16}v\right) - \left(1\frac{3}{4}v - 3\frac{1}{6}u^3v^2 + 1\frac{2}{9}u^3v\right) + \left(1\frac{3}{13}v - 1\frac{7}{18}u^3v^2 - 2\frac{7}{10}u^3v\right)$$

$$310) \left(1\frac{5}{6}x^3y^2 - 2\frac{3}{5}x^2y^3\right) + \left(\frac{1}{4}x^3y^2 - 1\frac{1}{12}x^2y^3 + 4\frac{1}{2}x^2y\right) + \left(1\frac{14}{15}x^3y^2 - 2\frac{9}{14}x^2y + x^2y^3\right)$$

$$311) \left(\frac{2}{3}ab^3 - a^2b^2\right) - \left(\frac{1}{2}ab^3 + 7\frac{12}{13}b^2 + 3\frac{7}{9}a^2b^2\right) - \left(\frac{4}{19}a^2b^2 - 1\frac{1}{6}ab^3 + 4\frac{2}{3}b^2\right)$$



$$312) \left(8\frac{1}{4}xy^2 + 1\frac{7}{19}x^3y^2\right) - \left(\frac{1}{3}xy^3 - 2\frac{1}{3}xy^2 - \frac{1}{8}x^3y^2\right) - \left(8\frac{1}{6}xy^3 - 1\frac{2}{9}x^3y^2 + 6\frac{5}{7}xy^2\right)$$

$$313) \left(7\frac{1}{5}x^2y^2 + 1\frac{1}{2}y^2\right) + \left(\frac{1}{8}x^2y^2 + \frac{5}{7}y^2 + 1\frac{1}{2}xy^3\right) + \left(\frac{5}{9}xy^3 + 2x^2y^2 - \frac{1}{14}y^2\right)$$

$$314) \left(3\frac{3}{7}a^2b^2 - 1\frac{3}{8}a^2\right) - \left(10\frac{11}{15}a^2b^2 - 1\frac{11}{12}ab^3 + \frac{8}{13}ab^2\right) + \left(\frac{3}{4}a^2b^2 + 10ab^2 + 7\frac{2}{5}ab^3\right)$$

$$315) \left(\frac{5}{9}uv + 5\frac{1}{19}v^3\right) - \left(\frac{3}{19}v^3 + 7\frac{8}{17}uv - \frac{1}{2}u\right) - \left(2uv^3 + \frac{3}{7}uv - 1\frac{17}{18}v\right)$$

$$316) \left(1\frac{2}{3}xy^3 + 10\frac{10}{11}y\right) - \left(2\frac{1}{18}x^2y^3 + 9\frac{2}{3}y^3 + 1\frac{1}{3}y\right) + \left(xy^3 + \frac{8}{15}y - \frac{4}{19}y^3\right)$$

$$317) \left(6\frac{9}{13}xy - 1\frac{1}{3}x^2\right) + \left(1\frac{1}{6}x^2 + \frac{1}{15}x^3y^3 + \frac{2}{5}y\right) + \left(1\frac{3}{5}x^3y^3 + \frac{1}{15}x^2 - 1\frac{7}{12}xy\right)$$

$$318) \left(1\frac{11}{15}m^2n - 1\frac{6}{7}m^3\right) + \left(6\frac{6}{7}m^3 + 10\frac{2}{5}m^3n^2 + 1\frac{7}{8}n^2\right) - \left(1\frac{1}{7}n^2 + 1\frac{5}{12}m^2n - \frac{5}{6}m^3n^2\right)$$

$$319) \left(10\frac{3}{16}x^2 - 1\frac{1}{2}x^2y^2\right) - \left(7\frac{9}{11}x - \frac{3}{17}x^2y^2 + 6xy^3\right) + \left(1\frac{3}{7}xy^3 - 1\frac{1}{4}x^2 + 1\frac{2}{7}x\right)$$

$$320) \left(2n^3 + 1\frac{1}{3}m^3\right) - \left(\frac{1}{3}n^3 + 2mn^2 - m^3\right) + \left(5\frac{4}{17}mn^2 + 1\frac{1}{3}n^3 + 10\frac{5}{6}m^3\right)$$

$$321) \left(\frac{1}{13}ab^2 - 2a^3b^2\right) + \left(3\frac{1}{13}b^3 + 10\frac{4}{9}a^3b^2 + 6\frac{4}{5}ab^2\right) - \left(2\frac{5}{18}b^3 + 10\frac{1}{9}ab^2 + 6\frac{2}{15}a^3b^2\right)$$

$$322) \left(1\frac{7}{10}x - 1\frac{3}{17}xy^2\right) - \left(8\frac{17}{19}y - 7 + 2x\right) - \left(9 - \frac{15}{17}x + \frac{5}{19}y\right)$$

$$323) \left(\frac{12}{19}x + 8\frac{1}{10}x^2\right) - \left(1\frac{5}{13}xy^2 + \frac{1}{6}x - 2x^2\right) - \left(3\frac{3}{5}x + 3\frac{7}{20}x^2 + 2xy^2\right)$$

$$324) \left(\frac{4}{11}xy^3 + \frac{3}{10}y\right) - \left(15x^3y^3 - 2\frac{3}{17}y + \frac{2}{13}xy^3\right) + \left(12x^3y^3 - \frac{1}{2}y - 1\frac{1}{4}xy^3\right)$$

$$325) \left(1\frac{6}{7}a^3 + 8\frac{1}{2}b\right) - \left(6\frac{11}{17}b + 8\frac{7}{20}a^3 + 1\frac{1}{6}a\right) + \left(1\frac{3}{10}a - 2 + 8\frac{1}{3}a^3\right)$$

$$326) \left(1\frac{10}{19}x - \frac{2}{19}x^2y\right) - \left(1\frac{3}{7}x^2y + 6\frac{11}{18}x - \frac{9}{11}\right) + \left(1\frac{1}{2}x^3y^3 - 14y^2 + 3\frac{7}{11}\right)$$

$$327) \left(1\frac{1}{4} + \frac{2}{3}xy\right) + \left(10\frac{5}{18}x^3y + 1\frac{2}{11}x^2y^2 + \frac{4}{11}xy\right) + \left(7\frac{1}{3}x^2y^2 + 1 - 2\frac{3}{4}x^3y\right)$$

$$328) \left(x + 1\frac{3}{4}x^3y^3\right) - \left(x^3y^3 - 1\frac{1}{3}xy - 1\frac{1}{2}x^2y\right) + \left(\frac{8}{9}x^3y^3 + 3\frac{3}{10}x - 1\frac{2}{5}x^2y\right)$$

$$329) \left(11\frac{4}{7} + 1\frac{5}{7}mn^2\right) + \left(\frac{2}{3}mn^2 + \frac{1}{4}m^2n + 7\frac{2}{7}m^2n^2\right) + \left(\frac{1}{19}m + 4\frac{1}{4} - 3\frac{15}{17}m^2n^2\right)$$

$$330) \left(3\frac{9}{10}m^3n^3 + 1\frac{8}{9}n^3\right) - \left(7\frac{5}{13}n + 14 - 7n^3\right) + \left(1\frac{5}{9}n - 12m^3n^3 + 3\frac{1}{8}\right)$$

$$331) \left(1\frac{3}{14}xy + \frac{10}{17}\right) - \left(1\frac{3}{14}x + \frac{1}{6}x^2y^3 - 1\frac{3}{13}xy\right) - \left(4\frac{9}{16}y^3 - \frac{2}{3}x^2y^3 + \frac{1}{14}\right)$$

$$332) \left(9\frac{3}{20}u^3 + 1\frac{1}{8}u^2v\right) - \left(\frac{7}{8}u^2v - 2v + 6\frac{9}{14}u^3\right) + \left(1\frac{11}{19}u^3 - 1\frac{11}{15}v + \frac{3}{17}u^2v\right)$$

$$333) \left(1\frac{1}{12}x^3y + 8\frac{7}{15}x\right) - \left(17\frac{11}{18}x + 2\frac{3}{4} + 6\frac{3}{7}x^3y\right) - \left(2 - \frac{1}{3}x + 6\frac{1}{3}x^3y\right)$$

$$334) \left(\frac{5}{16}uv + 7\frac{6}{19}u^3v^2\right) - \left(\frac{10}{19}u^2v^2 + 7\frac{11}{20}u^3v^2 + 7\frac{3}{8}uv\right) - \left(1\frac{4}{7}uv + 5\frac{3}{5}u^3v^2 - 1\frac{1}{8}u^2v^2\right)$$

$$335) \left(\frac{12}{19}a + 9\frac{17}{18}b\right) - \left(a - \frac{2}{7}a^2b^2 + 2ab^2\right) + \left(\frac{7}{17}a + a^2b^2 - \frac{12}{17}ab^2\right)$$

$$336) \left(1\frac{1}{3}x^2y - \frac{7}{8}x^2y^2\right) + \left(\frac{1}{13}y - 1\frac{17}{19}x^2y^2 + 2\frac{6}{11}xy\right) - \left(4\frac{5}{14}xy - 1\frac{11}{14}x^2y - 3\frac{1}{17}x^2y^2\right)$$

$$337) \left(1\frac{1}{2}m^2n - 3\frac{2}{9}mn\right) + \left(\frac{3}{4} - 1\frac{3}{4}n^2 + 1\frac{3}{10}mn\right) + \left(3\frac{5}{19} + \frac{1}{10}m^2n + 1\frac{1}{2}n^2\right)$$

$$338) \left( \frac{1}{4} + 10\frac{4}{9}x^3y^2 \right) - \left( 5\frac{3}{7}y^2 - \frac{12}{13} - 3\frac{9}{10}xy \right) + \left( 8\frac{9}{10} + 2y^2 + 9\frac{1}{3}xy \right)$$

$$339) \left( 1\frac{13}{19}u^3 + 3\frac{3}{10}u^2v^3 \right) - \left( \frac{11}{20}u^3 + \frac{1}{10}u^2v^3 - 2\frac{2}{5}uv \right) - \left( 6\frac{7}{10}u^2 + 5\frac{1}{2}v^3 - \frac{9}{11}u^2v^3 \right)$$

$$340) \left( 1\frac{8}{19}xy + \frac{1}{6}x^3y^2 \right) - \left( 9\frac{7}{8}xy - \frac{7}{10}y^3 + x^3y^2 \right) + \left( 13xy^3 - 3\frac{7}{19}x^3y^2 - 2\frac{7}{16}x^3y \right)$$

$$341) \left( 5\frac{1}{3}y^2 + \frac{9}{16}x^3y^2 \right) + \left( \frac{4}{7}x^3 + 7\frac{15}{17}xy^3 + 10\frac{3}{4}y^2 \right) - \left( \frac{4}{5}xy^3 + 1\frac{2}{3}y^2 - 1\frac{1}{2}xy^2 \right)$$

$$342) \left( 5\frac{2}{5}v^2 + \frac{5}{13}v^3 \right) - \left( 1\frac{8}{13}v^2 + 3\frac{2}{15}v^3 + 1\frac{1}{3}u^3v \right) - \left( 9\frac{1}{4}v^2 + 1\frac{1}{5}v^3 + \frac{3}{4}u^3v \right)$$

$$343) \left( 7\frac{11}{12}mn^3 - 1\frac{4}{17}n^3 \right) + \left( \frac{19}{20}n^3 + 7\frac{14}{15}mn + 3\frac{2}{3}m^2n^3 \right) + \left( 9\frac{9}{10}n^2 + 5\frac{5}{6}m^2n^3 + \frac{6}{7}mn^3 \right)$$

$$344) \left( \frac{3}{4}y + 1\frac{6}{7}xy^2 \right) - \left( \frac{12}{17}y + 1\frac{4}{15}x^2 + 9\frac{13}{14}xy^2 \right) - \left( \frac{1}{3}y + 5\frac{3}{4}x^2 + \frac{6}{13}xy^2 \right)$$

$$345) \left( 10\frac{11}{20}ab^3 + 7\frac{7}{8}ab^2 \right) + \left( 1\frac{1}{12}a^3 + 2\frac{17}{18}ab^3 + 9ab^2 \right) - \left( 3\frac{5}{7}ab^2 - 3\frac{1}{3}a^3 + 7\frac{4}{5}ab^3 \right)$$

$$346) \left( \frac{8}{9}x^3y^3 - 3x^3 \right) - \left( 4\frac{5}{18}y + 10\frac{13}{14}x^3 - 1\frac{4}{7}x^3y^3 \right) - \left( 2\frac{13}{18}x^3y^3 - 2\frac{9}{20}y + \frac{3}{20}x^3 \right)$$

$$347) \left( 3\frac{3}{10}uv^2 + 2\frac{2}{3} \right) + \left( 1\frac{1}{7} + \frac{11}{17}uv^2 - 1\frac{7}{13}u^3 \right) - \left( \frac{6}{17}u^3 - \frac{5}{17} + \frac{5}{12}uv^2 \right)$$

$$348) \left( 1\frac{5}{9}y^3 + \frac{17}{20} \right) + \left( 6\frac{14}{19} - 3\frac{11}{14}y - 1\frac{2}{9}y^3 \right) - \left( 3\frac{1}{12} + y + 4\frac{5}{13}y^3 \right)$$

$$349) \left( 5\frac{17}{18}x^3y^3 - 1\frac{1}{6}x^3 \right) + \left( 1\frac{5}{7}x^3y^3 + \frac{1}{5}x^2y^2 - 1\frac{8}{19}x^3 \right) + \left( 2\frac{10}{17}x^2y^2 + 8\frac{11}{20}x + 1\frac{3}{13}x^3y^3 \right)$$

$$350) \left( 1\frac{1}{2}m^2n^2 + \frac{4}{5}m^3 \right) + \left( 5\frac{1}{6}m^3 + 10\frac{17}{18}m + 18mn^2 \right) - \left( 1\frac{2}{3}mn^2 + 5\frac{3}{8}m^3 - 1\frac{1}{2}m \right)$$

$$351) \left( 13\frac{7}{10}xy^2 - 1\frac{1}{2}x^2y^2 \right) - \left( x^2y^2 + 8\frac{1}{8}x^3y^2 + 7\frac{5}{19}x \right) + \left( 1\frac{9}{13}xy^2 + \frac{7}{18}x + 5\frac{3}{5}x^3y^2 \right)$$

$$352) \left( 3\frac{1}{3}uv^2 - 1\frac{5}{8} \right) - \left( 9\frac{1}{6}u^3v^2 + 1\frac{1}{3} - uv^2 \right) - \left( \frac{11}{12}u^3v^2 - \frac{3}{13} + \frac{1}{4}uv \right)$$

$$353) \left( 2m^2n^2 - \frac{1}{2}m^3n^2 \right) + \left( 1\frac{7}{20}m^3n^2 - 2\frac{11}{12}m^2n^2 - 3\frac{2}{17}mn \right) - \left( 1\frac{8}{15}m^3n^2 + \frac{7}{13}mn + \frac{2}{15}m^2n^2 \right)$$

$$354) \left( 10\frac{5}{12}y^2 + 1\frac{16}{19}y \right) - \left( 1\frac{1}{11}y^2 - \frac{11}{14}y + 1\frac{17}{18}xy \right) + \left( 1\frac{15}{16}y + \frac{10}{19}xy + \frac{1}{3}y^2 \right)$$

$$355) \left( 5\frac{2}{11}xy^3 - \frac{1}{5}x^3y^3 \right) - \left( 5\frac{17}{18}x^2y - 1\frac{3}{8}x^3y^2 + 7\frac{5}{12}x^3y^3 \right) - \left( 15x^3y^3 + 4\frac{17}{18}xy + 5\frac{11}{16}x^2y \right)$$

$$356) \left( 1\frac{1}{2}m^3n^3 + 10\frac{1}{20}mn^3 \right) + \left( 16m^3n + 2\frac{1}{3}m^3n^3 + \frac{1}{19}mn^3 \right) - \left( 1\frac{2}{9}mn^3 - \frac{2}{3}m^3n^3 + \frac{1}{6}m^3n \right)$$

$$357) \left( 1\frac{3}{8}xy^3 + 7\frac{6}{17}x^3y^2 \right) - \left( \frac{1}{6}x^2y^2 + 1\frac{1}{10}xy^3 + 10\frac{2}{15}x^3y^2 \right) + \left( xy^3 + \frac{1}{4}x^3y^2 + \frac{4}{15}x^2y^2 \right)$$

$$358) \left( 1\frac{1}{5}x^2y^3 + 1\frac{3}{11}x^2y \right) - \left( 9\frac{13}{20}x^2y^3 - 2xy^2 + 1\frac{11}{14}x^2y \right) + \left( \frac{16}{19}x^2y^3 - \frac{2}{3} + 1\frac{1}{4}x^2y \right)$$

$$359) \left( \frac{1}{2}x^3 + 3\frac{11}{16}x^2y^2 \right) + \left( 9\frac{1}{12}x^3 + 9\frac{9}{16}x - 1\frac{3}{5}x^2y^2 \right) - \left( \frac{7}{20}x^3 - 3\frac{1}{13}x^2y^3 - 1\frac{2}{7}x \right)$$

$$360) \left( 1\frac{5}{8}a^2b^2 + 9\frac{3}{5}b^2 \right) - \left( 1\frac{7}{12}b + \frac{1}{18}a^2b^2 + 7\frac{2}{3}a \right) + \left( 1\frac{1}{5}a + \frac{1}{5}a^2b^2 + 20b^2 \right)$$

$$361) \left( \frac{1}{2}m^2n^3 + \frac{1}{10} \right) - \left( 1\frac{6}{17}m^2n^2 - \frac{15}{17} - 1\frac{1}{3}m^2 \right) + \left( 1\frac{5}{17}m^2n^2 + 10\frac{4}{5}m^2n^3 + \frac{9}{10} \right)$$

$$362) \left( \frac{10}{19}u^3v^3 + 8\frac{11}{20}u^3 \right) + \left( \frac{9}{14}uv^2 - \frac{1}{2}v^3 - 1\frac{1}{2}u^3 \right) + \left( 1\frac{1}{3}u^3v^3 - 11v^3 + \frac{7}{15}u^3 \right)$$

$$363) \left( 1\frac{1}{15}y^3 + 1\frac{3}{5}xy \right) - \left( 1\frac{10}{11}y^3 + \frac{7}{9}x^3y^2 - \frac{4}{11}x^2y^3 \right) - \left( \frac{1}{12}x^2y^2 + 6\frac{5}{11}xy + 6\frac{3}{13}y^3 \right)$$

$$364) \left( \frac{1}{4}v^3 + \frac{1}{4}u^3v \right) + \left( \frac{17}{19}v^3 - 1\frac{1}{2}u^3v - 1\frac{8}{17}u^2 \right) - \left( 1\frac{3}{14}v^3 - 13u^3v + 8\frac{7}{8}u^2 \right)$$

$$365) \left( \frac{1}{2}y^3 + x^2y^3 \right) + \left( 9\frac{7}{10}x + 1\frac{5}{8}x^2y^3 + \frac{9}{19}y^3 \right) - \left( 2x^2y^3 + 2\frac{4}{11}y^3 - 1\frac{8}{11}x \right)$$

$$366) \left( \frac{1}{3}x^2y^2 - 18x^2y \right) + \left( 1\frac{1}{2}x^2y^3 + \frac{2}{3}x^2y^2 + 5\frac{14}{19}x^2y \right) + \left( \frac{2}{3}x^2y^3 + 9\frac{7}{8}x^2y^2 + x^2 \right)$$

$$367) \left( 5\frac{4}{5}u^3v^3 + 1\frac{9}{17}v^2 \right) - \left( 4\frac{9}{10}v^2 + \frac{4}{5}u^3v^3 - \frac{3}{10}u \right) - \left( 4\frac{1}{16}u^3v^3 - \frac{1}{7}u + 6\frac{6}{7}v^2 \right)$$

$$368) \left( 6\frac{9}{16}n^2 - \frac{3}{7}mn^3 \right) + \left( 9\frac{5}{6}mn^3 + 2\frac{3}{5}m^2n - 3\frac{5}{12}n^2 \right) + \left( \frac{5}{9}mn^3 + 5\frac{1}{2}n^2 + \frac{1}{3}m^3n^3 \right)$$

$$369) \left( \frac{2}{5}a^3b - 14a^2b^3 \right) - \left( 12b + 14a^2 + 8\frac{6}{7}a^3b \right) - \left( 1\frac{2}{19}a^3b + 4\frac{5}{12}a^2 + 17b \right)$$

$$370) \left( \frac{1}{2} - \frac{1}{2}m^3 \right) - \left( 6\frac{1}{7}n^2 + 9\frac{15}{19} + 17m^2n^2 \right) + \left( \frac{3}{5}m^2n^2 - 1\frac{1}{10} + 8\frac{1}{2}n^2 \right)$$

$$371) \left( 2x - \frac{7}{20}y \right) - \left( 20\frac{3}{4}x - 1\frac{12}{13}y^2 + \frac{9}{10}x^2y^2 \right) - \left( \frac{2}{7}y - 1\frac{5}{9}x^2y^2 + 8\frac{1}{2}x \right)$$

$$372) \left( \frac{13}{20}x^2 + 1\frac{1}{3} \right) + \left( 10\frac{6}{7}x^2 + 3\frac{9}{16} + 2\frac{4}{7}x^2y \right) + \left( \frac{2}{3} - x^2y^3 + 5\frac{1}{8}xy^2 \right)$$

$$373) \left( \frac{2}{5}x^2y^3 - 2x^2y^2 \right) + \left( \frac{1}{4}x^2 - 1\frac{19}{20}x^2y^3 + 1\frac{1}{4}x^2y^2 \right) + \left( 3\frac{8}{17}x^2 - 1\frac{7}{20}x^3y + 1\frac{1}{2}x^2y^3 \right)$$

$$374) \left( 2v^3 + \frac{2}{5}u^3 \right) + \left( \frac{11}{20}u^2v^3 + 2\frac{5}{17}u^2v + 10\frac{9}{10}u^3 \right) + \left( 3\frac{1}{2}v^3 + 1\frac{1}{5}u^2v + 1\frac{1}{6}u^3 \right)$$

$$375) \left( \frac{1}{2}u + \frac{8}{9}uv \right) + \left( 10\frac{1}{4}uv - 13\frac{1}{3} - 3\frac{13}{19}u \right) + \left( 4\frac{2}{5}uv + 4\frac{2}{3} - 1\frac{1}{2}u \right)$$

$$376) \left( 9\frac{11}{17}y + 4\frac{4}{15}x \right) + \left( 1\frac{1}{2} - 1\frac{2}{3}x + 1\frac{10}{13}y \right) - \left( \frac{1}{3}x + 1\frac{5}{19}y + 3\frac{9}{20} \right)$$

$$377) \left( 12\frac{11}{14}x^3 - 1\frac{9}{19}x^2y \right) - \left( 7\frac{1}{10}x^2y - 6xy + 10\frac{9}{14}x^3 \right) - \left( 1\frac{7}{8}x^2y^3 + \frac{1}{2}x^3 + \frac{2}{11}xy \right)$$

$$378) \left( 1\frac{3}{4}a^2b^2 + 6\frac{13}{18}ab \right) - \left( 1\frac{9}{19}a^2b^2 + 9\frac{2}{19}ab + 10\frac{7}{16}a^3b \right) - \left( 1\frac{5}{9}ab + 6\frac{1}{2}a^3b - 3\frac{14}{15}a^2b^2 \right)$$

$$379) \left( 4\frac{2}{19}xy + 9\frac{7}{10}x^2y \right) + \left( 5\frac{5}{18}x^2y - 2\frac{3}{4}x^3y^2 + 6\frac{1}{13}xy \right) + \left( \frac{9}{13}x^2y + xy + \frac{7}{9}x^3y^2 \right)$$

$$380) \left( \frac{11}{14}x^2y^3 + 1\frac{3}{13}x \right) - \left( 10\frac{2}{11}x^2y^2 + \frac{3}{17}x^2y^3 - 1\frac{4}{17}x^3 \right) + \left( 1\frac{1}{12}x^2y + 3\frac{5}{6}x^2y^2 - \frac{3}{7}x^3 \right)$$

$$381) \left( 1\frac{4}{7}y^3 + \frac{3}{10}x^3y^2 \right) + \left( 1\frac{5}{9}x^3y^2 + 1\frac{2}{5}y^3 + 5\frac{1}{15}xy^2 \right) - \left( \frac{8}{11}y^3 + 6\frac{15}{19}xy^2 - 3\frac{3}{4}x^3y^2 \right)$$

$$382) \left( 6\frac{9}{16}y^3 - \frac{4}{7}xy^2 \right) - \left( \frac{4}{11}xy + 5\frac{14}{15}y^3 + 7\frac{1}{4}xy^2 \right) + \left( \frac{1}{3}xy + 7\frac{1}{14}xy^2 + 3\frac{11}{16}y^3 \right)$$

$$383) \left( 16v^3 - 2\frac{3}{8}v^2 \right) + \left( 4\frac{17}{18}uv^3 + 1\frac{9}{10}v^2 + 1\frac{14}{15}uv \right) + \left( 1\frac{1}{7}v^2 + 2\frac{2}{9}uv - 1\frac{1}{2}uv^3 \right)$$

$$384) \left( \frac{9}{17}x^3y^2 - 4x^2 \right) + \left( 11x^3y^2 - 1\frac{4}{5}x^3 + \frac{9}{10}x^2 \right) + \left( \frac{4}{7}x^3y + xy + 3\frac{7}{13}x^3y^2 \right)$$

$$385) \left( 16x^3y - \frac{1}{7}xy^2 \right) - \left( 2y^2 - \frac{1}{2}x^2y^2 + 8\frac{3}{10}x^3y \right) + \left( 4y^2 - \frac{3}{14}x^2y^2 - 1\frac{9}{10}x^3y \right)$$

$$386) \left( 1\frac{7}{19}x^3y - \frac{1}{4}x^3y^2 \right) - \left( 1\frac{5}{13}x^3y + 1\frac{10}{19}x^3y^2 - \frac{4}{7}x \right) - \left( 5x^2y^3 + 19\frac{1}{2}x - 1\frac{12}{19}x^3y \right)$$

$$387) \left( \frac{5}{9}m^3n + 4\frac{14}{15}n \right) + \left( 1\frac{2}{7}mn^3 - 3\frac{15}{17}m^3n - \frac{1}{3}n \right) - \left( 8\frac{7}{11}m^3n + \frac{1}{11}mn^3 + 1\frac{1}{15}n \right)$$

$$388) \left( \frac{8}{9}y^3 + \frac{9}{19}xy^2 \right) + \left( 6\frac{3}{4}x^3y^2 + 1\frac{5}{13}y^3 + 3\frac{1}{18}xy^2 \right) - \left( 5\frac{7}{12}xy^2 + 4\frac{1}{18}y^3 + 1\frac{3}{4}x^3y^2 \right)$$

$$389) \left( 4\frac{5}{7}a^2 - 1\frac{1}{9}ab^3 \right) - \left( 1\frac{2}{3}a + \frac{2}{5}a^2 - 1\frac{15}{19}ab^3 \right) - \left( \frac{3}{4}a^3b^3 + 11ab^3 + 4\frac{1}{8}a^2 \right)$$

$$390) \left( 3\frac{7}{20}xy + 7\frac{1}{4}x^2 \right) + \left( \frac{1}{8}xy^3 - \frac{5}{9}xy + 1\frac{6}{7}x^2 \right) - \left( \frac{7}{20}xy + 4\frac{1}{4}xy^3 + \frac{1}{10}x^2 \right)$$

$$391) \left( 4\frac{15}{16}u^2v^2 - 7u^3v \right) + \left( 7\frac{2}{9}u^3v^3 - 2\frac{5}{14}u^2v^2 + 2u^3v \right) + \left( u^2v^2 + 1\frac{5}{16}u^3v + 6\frac{10}{19}u^3v^3 \right)$$

$$392) \left( \frac{10}{13}a^3b^3 + \frac{1}{2}a^2 \right) + \left( 1\frac{11}{18}b^2 + 4\frac{4}{13}a^3b^3 + 1\frac{1}{6}b \right) - \left( 5\frac{1}{4}a^3b^3 - 3\frac{6}{7}a^2 + \frac{3}{11}b \right)$$

$$393) \left( 2\frac{1}{8}a^2b^3 - 1\frac{1}{10}a^3b^3 \right) - \left( \frac{8}{17} - \frac{7}{8}a + \frac{4}{13}a^3b^3 \right) + \left( 1\frac{10}{11}a^3b^3 + 1\frac{3}{8} + 1\frac{15}{19}a^2b^3 \right)$$

$$394) \left( 1\frac{1}{3}x^3y^3 - 3\frac{7}{10}y^2 \right) + \left( 2\frac{17}{20}x^3 + 4\frac{5}{6}x^2 + 7\frac{1}{13}x^3y^3 \right) + \left( 3\frac{1}{3}x^3y^3 + 4\frac{13}{17}y^2 + 4x^2 \right)$$

$$395) \left( 1 + 7\frac{3}{4}x^3y \right) + \left( 5\frac{6}{17}y - 1\frac{10}{17}x^3y + 9\frac{3}{8}x \right) + \left( 2x + \frac{1}{20} + 7\frac{2}{5}y \right)$$

$$396) \left( 1\frac{15}{17}m^3n^3 + \frac{2}{3}m^3 \right) - \left( \frac{13}{14}m^2n - 2 - \frac{9}{10}m^3n \right) + \left( 1\frac{9}{10} - 1\frac{1}{4}m^3n + 10\frac{13}{18}m^3n^3 \right)$$

$$397) \left( 19x^3y^3 + \frac{2}{13}xy^2 \right) + \left( 5\frac{13}{17} - 1\frac{11}{16}xy^2 - \frac{4}{9}x^2y \right) + \left( 1\frac{13}{16} + \frac{5}{6}y^3 + \frac{1}{16}x^2y \right)$$

$$398) \left( 8uv - 1\frac{1}{9} \right) + \left( 19uv - \frac{2}{3} + 1\frac{1}{2}uv^2 \right) - \left( \frac{4}{5}uv + \frac{3}{5} + \frac{5}{11}uv^2 \right)$$

$$399) \left( 9\frac{1}{6}x^2y + 6\frac{3}{11}xy^2 \right) - \left( \frac{4}{9}y^2 - \frac{5}{12}xy^2 - \frac{1}{2}x^2y \right) + \left( 7\frac{4}{15}y^2 + 11x^2y + 1\frac{15}{16}xy^2 \right)$$

$$400) \left( 6\frac{2}{5}x^2y + 9\frac{5}{12}x^3y \right) + \left( \frac{1}{2}x^2y + 7\frac{1}{4}y^3 + 6\frac{17}{18}x^3y^3 \right) + \left( 11x^2y + 10\frac{1}{5}x^3y + \frac{1}{14}x^3y^3 \right)$$

$$401) \left( 9\frac{15}{23}x^2y^3 + \frac{9}{10} \right) - \left( 17\frac{1}{38} + 25\frac{1}{18}x^2y^3 - y \right) + \left( \frac{13}{43}x^2y^3 + 3\frac{34}{47}y + 1\frac{4}{5}x \right)$$

$$402) \left( \frac{19}{21}x^2y - \frac{7}{10}x^2y^2 \right) + \left( 4\frac{4}{7}xy^3 + 1\frac{17}{36}x^2y + \frac{25}{34}y^3 \right) + \left( 4\frac{9}{25}x^2y^2 + 10\frac{21}{38}y^3 - \frac{11}{24}x^2y \right)$$

$$403) \left( \frac{5}{28}uv^3 - 3\frac{1}{2}u \right) + \left( 25\frac{3}{11}u^3v^3 + \frac{31}{47}u + 23\frac{17}{28}uv^3 \right) - \left( 15\frac{1}{7}uv + 2uv^3 + 9\frac{22}{23}u^3v^3 \right)$$

$$404) \left( 1\frac{9}{16}m + 6\frac{5}{12}mn^3 \right) - \left( 1\frac{1}{2}n^3 + 1\frac{2}{7}m^2n + 23\frac{9}{17}m^2n^2 \right) + \left( 22n^3 + 19\frac{7}{11}mn^3 + 1\frac{10}{19}m \right)$$

$$405) \left( 13\frac{1}{2}x^3 + \frac{43}{46}xy^2 \right) + \left( 12\frac{2}{7}x^3 + 15\frac{25}{34}xy^2 + 24\frac{9}{47}x^2y \right) + \left( 4\frac{19}{36}x^2y + 20\frac{1}{7}xy^2 + 1\frac{1}{13}y^2 \right)$$

$$406) \left( \frac{10}{39}xy^3 - 49\frac{15}{49}x^2 \right) - \left( 46xy^3 + 9x^2 - 1\frac{18}{25}x \right) - \left( \frac{3}{7}x^2 + 1\frac{25}{27}xy^3 - \frac{1}{2}x \right)$$

$$407) \left( 1\frac{2}{17} - \frac{5}{7}u^2 \right) + \left( 1\frac{3}{17} + 4\frac{10}{21}u^2 + \frac{27}{35}u^2v \right) + \left( 1\frac{34}{39} + u^2 + 19\frac{17}{31}u^2v \right)$$

$$408) \left( 26\frac{3}{10}x - 2\frac{1}{10}xy \right) + \left( \frac{3}{31}xy - 43x^3y^2 - \frac{10}{11}x \right) + \left( 16\frac{5}{6}x + 19\frac{1}{4}xy - 1\frac{14}{25}x^3y^2 \right)$$

$$409) \left( 6\frac{2}{3}m^2n + 2mn^2 \right) - \left( \frac{14}{15}m^2n + \frac{4}{27}m^2 + \frac{5}{7}mn^2 \right) - \left( \frac{13}{14}n^3 + 43\frac{5}{34}mn^2 + \frac{13}{16}m^3n \right)$$

$$410) \left( 25x^3 - \frac{15}{17}x^3y \right) - \left( 9\frac{15}{34}xy^3 - \frac{2}{3}x^3 + 19\frac{11}{30}x^3y \right) + \left( \frac{26}{43}xy^3 + \frac{18}{31}x^3 + 13x^3y \right)$$

$$411) \left( 15\frac{9}{14}x^2 + 12\frac{6}{41}y^3 \right) - \left( 1\frac{2}{9}y^3 + 5\frac{2}{35}x^2 - \frac{39}{50}y^2 \right) - \left( 18\frac{15}{49}y^3 + 13\frac{31}{42}y^2 - 13\frac{23}{25}x^2 \right)$$

$$412) \left( \frac{7}{9}b^2 + 12\frac{31}{37}a^3b \right) + \left( 29\frac{3}{25}a^3b + \frac{2}{3}a - 37b \right) - \left( 14\frac{1}{8}b + 17\frac{32}{49}a^3b + 13\frac{3}{25}b^2 \right)$$

$$413) \left( 9\frac{1}{12}x^2y^3 - \frac{7}{9}y^2 \right) - \left( 20xy - \frac{1}{4}y^2 + 25\frac{15}{31}x^2y^3 \right) + \left( 1\frac{4}{19}y^2 + 22\frac{8}{11}xy + 12\frac{31}{38}x^2y^3 \right)$$

$$414) \left( 1\frac{1}{6}mn^3 + 23\frac{7}{10}mn^2 \right) - \left( \frac{16}{27}mn - 1\frac{1}{9}mn^3 + 2mn^2 \right) - \left( \frac{7}{12}n^3 + 11\frac{37}{46}mn^3 + 19\frac{7}{9}mn^2 \right)$$

$$415) \left( 20\frac{23}{28}n^2 + 21\frac{9}{28}m^3n^2 \right) - \left( \frac{7}{24}m^3n^2 + 1\frac{1}{2}n^2 + 1\frac{7}{32}n \right) - \left( 21\frac{1}{2}n^2 + 18\frac{31}{39}m^3 + \frac{10}{27}m^2n^3 \right)$$



$$416) \left( 11\frac{25}{32}u^3v^2 + \frac{7}{8}v \right) + \left( 2u^3 - 1\frac{14}{23}u^3v^2 + \frac{13}{29}v \right) + \left( 11\frac{29}{44}u^3 - \frac{21}{22}u^3v^2 - 1\frac{1}{25}u \right)$$

$$417) \left( 9\frac{25}{33}x^3y^2 + \frac{6}{7}y^3 \right) - \left( 14\frac{10}{21} + 17\frac{11}{34}x^2y^2 + 12\frac{29}{30}x^3y^2 \right) + \left( 20\frac{16}{33}x^2y^2 - 1\frac{1}{2}y + 1\frac{7}{24}x^3y^2 \right)$$

$$418) \left( 1\frac{1}{4}y + \frac{21}{25}xy^2 \right) + \left( 6\frac{4}{9}xy^2 - 1\frac{7}{17}xy + 12\frac{5}{18}y \right) + \left( 1\frac{17}{45}y + 5\frac{49}{50}xy^2 + 13\frac{3}{16}xy \right)$$

$$419) \left( 1\frac{1}{14}x^3 + 4\frac{4}{23}y^2 \right) + \left( 26x^3y^2 - 1\frac{5}{7}x^3 - 1\frac{19}{32}y^2 \right) - \left( 18\frac{25}{34}x^3 + 11\frac{5}{46}x^3y^2 + 16\frac{3}{5}y^2 \right)$$

$$420) \left( 1\frac{1}{23}u^3v^2 - 1\frac{5}{6}v^2 \right) + \left( \frac{15}{34}u^3v^3 - 1\frac{27}{29}v^2 + 9\frac{19}{26}u^3v \right) - \left( v^2 + \frac{26}{31}u^3v^3 + 14\frac{16}{33}uv^3 \right)$$

$$421) \left( 13\frac{1}{24}b + 14\frac{15}{44}ab^2 \right) - \left( a^2b + \frac{4}{23}b - 1\frac{25}{29}ab^2 \right) - \left( 11\frac{31}{48}a^2b + 49ab^2 + 1\frac{7}{20}b \right)$$

$$422) \left( 9\frac{13}{27}m^3n^2 + 13\frac{6}{31}n^2 \right) - \left( \frac{1}{4}n^3 + \frac{9}{38}n^2 + 1\frac{8}{21}m^2n^2 \right) - \left( 21\frac{9}{22}n^2 - 41\frac{8}{13}m^2n^2 + \frac{2}{13}m^3n^2 \right)$$

$$423) \left( 14\frac{3}{4}y^3 + 8\frac{5}{26}x^3y^2 \right) + \left( 13\frac{7}{48}x^3y^2 + 3\frac{33}{46}x^3y^3 + 20\frac{25}{37}y \right) + \left( 24\frac{25}{37}y + 16\frac{11}{16}x^3y^3 + 22\frac{12}{31}y^3 \right)$$

$$424) \left( 14\frac{5}{27}x^2 + 1\frac{5}{6}y^3 \right) - \left( 17\frac{7}{9}y^2 + 18\frac{1}{4}y^3 - 1\frac{9}{20}x^2 \right) + \left( \frac{29}{42}x - 1\frac{1}{15}y^3 - \frac{3}{19}x^2 \right)$$

$$425) \left( 24\frac{1}{3}v^2 + 8\frac{11}{30}u^2v^3 \right) - \left( 1\frac{1}{2}u^2v^3 + 12\frac{3}{8}uv^3 - 35u^2v^2 \right) + \left( 1\frac{17}{21}uv^3 + 7\frac{25}{46}u^2v^2 - 42v^2 \right)$$

$$426) \left( \frac{5}{46}mn^3 + \frac{11}{19}n^3 \right) - \left( 1\frac{33}{41}mn^3 - 1\frac{11}{45}m^3n^3 + 1\frac{2}{9}m^2n^3 \right) + \left( 7\frac{11}{13}n^3 + 18\frac{5}{12}m^2n^3 + \frac{1}{2}mn^3 \right)$$

$$427) \left( 7\frac{19}{44}ab - \frac{3}{4}a \right) - \left( 25\frac{6}{37}b^3 + 1\frac{14}{41}a^2 + 12\frac{1}{2}a \right) + \left( 21\frac{5}{8}b^3 + \frac{19}{26}ab - 1\frac{32}{37}a \right)$$

$$428) \left( \frac{1}{8}xy^2 + 11\frac{1}{4}x^2 \right) + \left( 23x^2 + 2y^3 + 25\frac{8}{15}xy^2 \right) - \left( 2xy^2 + 16\frac{36}{41}y^3 + 13\frac{21}{32}x^2 \right)$$

$$429) \left( \frac{9}{10}u^2v^2 - 1\frac{22}{41}v^3 \right) - \left( 2\frac{37}{42}v^3 + 15\frac{17}{38}u^3v + 20\frac{5}{6}u^3 \right) - \left( 4\frac{10}{27}u^3v^3 + 18\frac{15}{41}u^3 + 8\frac{7}{18}v^3 \right)$$

$$430) \left( \frac{3}{4}x^3y^3 + \frac{4}{11} \right) + \left( 8 + 19\frac{37}{46}x + 1\frac{3}{10}x^3y^3 \right) - \left( 1\frac{28}{31} + 22\frac{7}{41}x - 1\frac{5}{7}x^3y^3 \right)$$

$$431) \left( 9\frac{3}{28}m^2n^2 + 23\frac{6}{31}m \right) + \left( 19\frac{11}{12}m^2n^2 + \frac{1}{6}m^2n + 12\frac{9}{46}m \right) - \left( \frac{5}{24}m^2n + 4\frac{2}{33}m^2n^2 - 1\frac{15}{49}m \right)$$

$$432) \left( 17\frac{19}{26}x^2y^2 + 4\frac{13}{42}x^3y \right) - \left( 17\frac{15}{16}y + 14\frac{2}{9}x^3y^3 + \frac{7}{12}x^3y \right) - \left( 1\frac{1}{2}x^2y^2 + \frac{1}{2}x^3y^3 + 14\frac{13}{45}y \right)$$

$$433) \left( 19\frac{4}{23}x^3y^3 + 15\frac{8}{17} \right) + \left( 3\frac{5}{12} + 2x^3y^3 + 1\frac{2}{3}y^2 \right) - \left( 22\frac{15}{32} + \frac{8}{13}x^3y^3 + 11\frac{34}{35}y^2 \right)$$

$$434) \left( \frac{29}{32}x^3y^2 + 10\frac{5}{9}x^3 \right) - \left( 21\frac{4}{39} + 16\frac{28}{31}x^3y^2 + 1\frac{11}{26}x^2y \right) - \left( \frac{13}{17}x^2y - 3\frac{3}{20}x^3y^2 - 3\frac{14}{39}x^3 \right)$$

$$435) \left( 1\frac{7}{12}x^2y + 5\frac{15}{16}x \right) + \left( 1\frac{43}{49} + 2x - 1\frac{7}{12}x^3y^2 \right) + \left( \frac{5}{7}x + 36 + \frac{2}{5}x^2y \right)$$

$$436) \left( 4\frac{25}{43}a^2b - 37b^2 \right) + \left( 1\frac{17}{41}b^2 + 1\frac{4}{9}a^3b^2 + 10\frac{20}{29}a^2 \right) - \left( 1\frac{7}{22}a^2b - \frac{11}{13}b^2 + 17\frac{19}{40}a^2 \right)$$

$$437) \left( 21\frac{16}{27}x^2y - 26\frac{23}{24}xy \right) + \left( 8\frac{1}{6}x^2y + 4\frac{3}{31}x^3y + 24\frac{1}{16} \right) + \left( 20x^2y + 8\frac{17}{38}x^3y + 11\frac{37}{38} \right)$$

$$438) \left( 16\frac{41}{46}m^3n + 10\frac{13}{28} \right) + \left( 1\frac{29}{35}n + \frac{28}{29}m^3n - \frac{36}{43}mn^3 \right) + \left( 1\frac{5}{16}mn^3 + 1\frac{15}{46}n + \frac{5}{18} \right)$$

$$439) \left( 20\frac{39}{47}xy^2 + 8\frac{4}{5}y \right) + \left( 6y - \frac{2}{37}y^2 - 2 \right) - \left( \frac{1}{2}x^3 + 13\frac{1}{2} + 12\frac{5}{41}y^2 \right)$$

$$440) \left( 19\frac{11}{28}u^2v^2 + 17\frac{1}{6}uv^3 \right) - \left( 1\frac{1}{2}uv^3 - 10u^2v^3 - 3\frac{15}{22}u^2v^2 \right) - \left( 10\frac{4}{17}u^2v^3 + \frac{1}{3}u^2v^2 - \frac{12}{35}uv^3 \right)$$

$$441) \left( \frac{17}{19}xy^2 + 21\frac{19}{20}y^2 \right) + \left( 2y^2 + 1\frac{9}{38}xy^2 - \frac{13}{20}x^2y^3 \right) + \left( 1\frac{17}{25}y^2 - 1\frac{5}{13}xy^2 - \frac{17}{40}x^2y^3 \right)$$

$$442) \left(37y^2 - \frac{1}{3}x^2y^3\right) + \left(20\frac{19}{23}y^2 + 1\frac{2}{3}x^2y^3 + 9\frac{11}{40}x^3\right) - \left(4\frac{29}{50}y^2 - 1\frac{1}{2}x^2y^3 + 21\frac{15}{16}x^3\right)$$

$$443) \left(1\frac{5}{6}u^3 + 13\frac{30}{43}uv^2\right) + \left(22\frac{17}{28}uv^2 + 20\frac{14}{19}u^3 + 19\frac{21}{46}u^2v^3\right) + \left(\frac{7}{37}uv^2 + 23\frac{5}{6}u^3 - 3\frac{16}{17}u^2v^3\right)$$

$$444) \left(\frac{9}{23}a^3b^2 - 50\frac{11}{18}b\right) - \left(12\frac{13}{43}a^2b^2 + 12\frac{15}{16}a^3b^2 + 5\frac{4}{9}b\right) - \left(\frac{27}{43}b + 7\frac{25}{48}a^3b^2 + 23\frac{37}{50}\right)$$

$$445) \left(\frac{5}{7} - 1\frac{1}{6}m^3n^2\right) - \left(22\frac{1}{3}m^3 + 11\frac{11}{18} + 23\frac{1}{16}m^3n^2\right) - \left(3\frac{1}{3}mn^3 + 23\frac{5}{6}m^3 + 21\frac{1}{2}mn^2\right)$$

$$446) \left(25\frac{19}{28}x^3 + 5\frac{42}{47}x^2y^2\right) - \left(\frac{1}{8}xy + 6\frac{43}{48}x^3y^3 + \frac{17}{20}x^3\right) - \left(13\frac{8}{23}x^3y^3 - 2xy + 11\frac{27}{34}x^3\right)$$

$$447) \left(12\frac{7}{19}n + \frac{25}{41}m^2n\right) + \left(\frac{2}{3}m^2n^2 + \frac{1}{5}m^2n^3 + 2\frac{37}{38}n\right) + \left(\frac{1}{2}m^2n^2 + 16\frac{1}{21}m^2n + 8\frac{25}{42}m^2n^3\right)$$

$$448) \left(1\frac{19}{26}xy + 13\frac{5}{22}xy^3\right) + \left(7\frac{5}{6}xy^3 + \frac{7}{12}x^2y^2 + 4\frac{29}{35}x^2y\right) - \left(23\frac{12}{43}xy^3 + 17\frac{29}{35}xy + 1\frac{38}{47}x^2y^2\right)$$

$$449) \left(19\frac{18}{31}u + 7\frac{43}{45}v^3\right) - \left(13\frac{13}{16}uv + 4\frac{31}{42}u - 1\frac{5}{38}u^2v^2\right) - \left(13\frac{33}{46}u^2 + 12\frac{17}{42}v^3 - \frac{1}{3}u^2v^2\right)$$

$$450) \left(19\frac{13}{20}m^3 - 1\frac{2}{3}m^2\right) + \left(12m^3n^2 + 1\frac{1}{2}m^3 - 9mn\right) + \left(25\frac{5}{24}m^3 + 15\frac{15}{23}m^3n^2 - 3\frac{29}{35}mn^3\right)$$

$$451) \left(14\frac{1}{43}x^2y^3 + 7\frac{1}{3}xy^3\right) + \left(1\frac{1}{7}x^3y^2 + \frac{20}{33}xy + 1\frac{23}{35}x^2y^3\right) + \left(46\frac{25}{26}x^3y^2 - \frac{4}{5}xy^3 + \frac{19}{37}xy\right)$$

$$452) \left(15\frac{1}{24}v^3 + 2\frac{1}{20}u\right) - \left(10\frac{31}{50}u + 14\frac{9}{29}u^2v^3 - 1\frac{17}{32}u^3\right) + \left(1\frac{1}{5}uv - 1\frac{1}{7}u - 2\frac{1}{20}u^3\right)$$

$$453) \left(\frac{23}{24}x^2 + 1\frac{22}{41}x^2y^3\right) - \left(21\frac{34}{41}x^2y^3 + 1\frac{15}{38}x^2y^2 - \frac{44}{45}x^2\right) + \left(13\frac{2}{45}x^2y^3 - \frac{13}{43}x^2y^2 - 1\frac{2}{15}x^2\right)$$

$$454) \left(\frac{13}{17}y^3 - \frac{3}{14}x\right) + \left(23\frac{6}{7}y^3 - 1\frac{9}{13}x + 10\frac{23}{42}x^3y\right) + \left(\frac{9}{31}x + 12\frac{39}{40}x^3y - 1\frac{10}{17}y^3\right)$$

$$455) \left( \frac{1}{14}m^2n^2 - 1\frac{1}{26}m^2n \right) - \left( 4\frac{7}{9}m^2n^2 - \frac{1}{6} + 19\frac{7}{45}m^2n \right) - \left( 1\frac{7}{16}m^2n - 1\frac{18}{23}m^2n^2 + 24\frac{25}{46} \right)$$

$$456) \left( 1\frac{12}{13}ab + 7\frac{23}{36}a \right) - \left( \frac{1}{6}a + \frac{13}{14}a^3b - \frac{4}{23}ab \right) + \left( 1\frac{3}{22}ab + 9\frac{15}{17}a - 2\frac{39}{50}a^3b \right)$$

$$457) \left( 13\frac{15}{19}xy^2 + 1\frac{24}{29}x^3 \right) - \left( \frac{4}{9}xy + 1\frac{17}{20}x^3 + 18\frac{13}{49}xy^2 \right) - \left( 1\frac{2}{3}xy^2 - 1\frac{13}{36}x + 1\frac{26}{31}xy \right)$$

$$458) \left( \frac{5}{12}x^2y^2 - 1\frac{5}{12}y^3 \right) - \left( x^2y^2 + 22\frac{46}{49}y^3 - 1\frac{4}{47}x^3y \right) + \left( \frac{7}{41}y^3 + 8\frac{13}{15}xy + \frac{4}{33}x^2y^2 \right)$$

$$459) \left( \frac{13}{17}u^2v^3 + 2\frac{7}{17}u \right) + \left( \frac{6}{25}u^3v + 16\frac{17}{36}u^2v^3 + 1\frac{1}{2}u^2v \right) - \left( 1\frac{5}{8}u - 19u^2v + 1\frac{21}{50}u^2v^3 \right)$$

$$460) \left( 1\frac{17}{19}xy + \frac{7}{23}x \right) - \left( 1\frac{23}{42}xy + 8\frac{2}{7}xy^2 + 22\frac{9}{13}x^3y^3 \right) - \left( 2xy + 7\frac{2}{3}x + 5\frac{13}{21}xy^2 \right)$$

$$461) \left( 1\frac{5}{6}uv^3 - \frac{37}{40}v \right) + \left( 28v - \frac{1}{34}uv^3 + 4\frac{27}{29} \right) - \left( 1\frac{13}{18}v^3 + 1\frac{29}{50}v + 1\frac{3}{8} \right)$$

$$462) \left( 4\frac{2}{13}x^2y - 1\frac{1}{2}x^2y^2 \right) + \left( \frac{3}{19}x^2y - 1\frac{5}{23}y^2 + 1\frac{4}{17}x^2y^2 \right) - \left( 25\frac{11}{35}x^2y + 12\frac{25}{48}y^2 + 11\frac{27}{46}x^2y^2 \right)$$

$$463) \left( 1\frac{2}{5}xy^2 + 1\frac{3}{4} \right) + \left( 13\frac{11}{12}xy^2 + 2xy^3 - 1\frac{11}{13}x^3y \right) - \left( 12\frac{4}{7}x^3y + \frac{7}{26}y - 2\frac{1}{9}xy^2 \right)$$

$$464) \left( 23\frac{22}{23}m^3n - 3\frac{17}{18}mn^2 \right) - \left( 10\frac{47}{49}mn - 38m^3n - \frac{19}{28}mn^3 \right) + \left( \frac{3}{10}mn^2 + 3\frac{31}{47}m^3n + \frac{1}{16}mn^3 \right)$$

$$465) \left( x^2y^2 + 15\frac{7}{24}x^3y^2 \right) - \left( \frac{31}{32}x^3y - 1\frac{13}{29}x^3y^2 + 1\frac{1}{2}x^2y^2 \right) - \left( 1\frac{1}{3}x^2y^2 - \frac{34}{49}x^3y^2 + 13\frac{8}{15}x^3y \right)$$

$$466) \left( 14\frac{19}{21}x^3y^2 + \frac{19}{40}xy^2 \right) - \left( 16\frac{21}{34}x^2y^3 - \frac{5}{11}xy^2 + 23\frac{9}{22}x^3y^2 \right) + \left( 1\frac{17}{22}x^2y^3 - 1\frac{7}{25}xy^2 + 1\frac{15}{44}x^3y^2 \right)$$

$$467) \left( 1\frac{4}{49}y^2 + \frac{4}{9}xy \right) + \left( 5\frac{43}{48}xy - 22y^2 - 1\frac{9}{28}xy^2 \right) - \left( 22\frac{4}{27}xy^2 + 12\frac{6}{7}y^2 - \frac{1}{4}xy \right)$$

$$468) \left(5\frac{5}{46}ab - \frac{3}{4}b^2\right) - \left(23\frac{33}{35}ab - \frac{7}{38}b^2 + 7\frac{6}{47}a^3b\right) + \left(\frac{5}{8}ab + 1\frac{5}{22}ab^3 + 24\frac{19}{37}b^2\right)$$

$$469) \left(\frac{1}{2}x - 1\frac{6}{11}xy^3\right) - \left(9\frac{1}{34}xy^3 + \frac{7}{22}x^2y^3 - \frac{15}{23}x\right) - \left(8\frac{14}{15}x^3y^2 + 19\frac{17}{19}xy^3 + 1\frac{8}{15}x^2y^3\right)$$

$$470) \left(\frac{5}{8}a + 1\frac{1}{5}a^2\right) - \left(1\frac{29}{36}a^2 + 22\frac{7}{9}a^2b^3 - \frac{25}{33}a\right) + \left(21\frac{28}{31}ab^2 + 3\frac{19}{39}a^2 + 1\frac{3}{16}a\right)$$

$$471) \left(\frac{5}{6}x^3y^2 + \frac{13}{43}x^3\right) - \left(15\frac{13}{32}x^3y^2 + 9\frac{8}{11}x^2 + 18\frac{19}{36}x^2y^3\right) + \left(20\frac{8}{37}x^3y^2 + 13\frac{4}{33}x^2y^3 - \frac{20}{37}x^3\right)$$

$$472) \left(1\frac{3}{4}u^2v^3 - 1\frac{6}{11}u^3\right) + \left(1\frac{6}{17}u^3 + 19\frac{4}{7}u^2v^2 + 1\frac{33}{38}u^2v^3\right) + \left(\frac{11}{12}u^2v^3 - 1\frac{31}{42}u^2v^2 + 12\frac{2}{3}u^3\right)$$

$$473) \left(38n + 24\frac{7}{9}mn^3\right) - \left(1\frac{25}{42}n^3 + 1\frac{7}{15}m^2n^3 + 11\frac{8}{13}mn^3\right) - \left(13\frac{41}{48}n + \frac{2}{9}m^2n^3 + 17\frac{27}{47}m\right)$$

$$474) \left(25\frac{9}{35}xy^2 - \frac{5}{44}y^3\right) - \left(6\frac{1}{23}y^3 + 1\frac{9}{16}x^2y^3 + 8\frac{31}{33}xy^2\right) - \left(\frac{19}{21}x^2y^3 + 22\frac{5}{6} + 23\frac{23}{33}y^2\right)$$

$$475) \left(1\frac{8}{11} + 10\frac{39}{40}a\right) - \left(\frac{19}{46} - 1\frac{3}{16}a^3b^3 + \frac{13}{17}a\right) - \left(\frac{1}{7} - \frac{13}{21}a + 10\frac{1}{6}a^3b^3\right)$$

$$476) \left(\frac{4}{17}xy - 1\frac{1}{3}y^2\right) + \left(17\frac{1}{9}xy + 25\frac{21}{26}y + 1\frac{7}{10}y^3\right) - \left(\frac{16}{39}x^2y^3 - 1\frac{26}{37}y + 6\frac{15}{32}y^3\right)$$

$$477) \left(5\frac{4}{7}x^2 + 12\frac{10}{21}xy\right) + \left(1\frac{1}{3}x^3y^2 + 1\frac{9}{16}x^2 - 2xy\right) - \left(\frac{5}{9}x^3y^2 + 1\frac{1}{8}x^2 - 3\frac{20}{33}xy\right)$$

$$478) \left(15\frac{11}{15}x - 1\frac{1}{7}x^3y^2\right) + \left(1\frac{7}{25}x + 1\frac{14}{45}y^3 + \frac{38}{47}x^3y^2\right) - \left(12\frac{21}{22}y^3 + 4\frac{1}{3}x^3y^2 + 9\frac{5}{11}x\right)$$

$$479) \left(4\frac{41}{48}a^2 + 19\frac{25}{26}\right) - \left(3\frac{13}{21}a^2 - 3\frac{1}{16} + 25\frac{5}{42}ab\right) + \left(19\frac{6}{11}ab + 12\frac{31}{47} + 21\frac{7}{9}a\right)$$

$$480) \left(\frac{19}{43}x^3 - \frac{1}{16}y^3\right) + \left(14\frac{10}{13} - 1\frac{30}{41}x^2 + 32x^3\right) + \left(\frac{6}{23}x^2 - \frac{7}{12} - 33x^3\right)$$

$$481) \left( 8\frac{33}{35}m^3n - 2\frac{7}{34}n^3 \right) - \left( 45m^3n^2 - m^3n + 4\frac{8}{19}n^3 \right) + \left( 1\frac{7}{17}n^3 + 1\frac{34}{35}m^2n + 25\frac{13}{32}m^3n \right)$$

$$482) \left( 21\frac{19}{40}x^2y + 14\frac{5}{6}x^3y \right) - \left( 30\frac{1}{10}x^3y + \frac{1}{2}y^3 + 1\frac{2}{9}xy \right) - \left( \frac{37}{42}y^3 - 1\frac{33}{49}xy + 25\frac{15}{22}x^3y \right)$$

$$483) \left( \frac{11}{40}x^2y^2 + 23\frac{4}{7}y^3 \right) + \left( 1\frac{4}{15}y^2 + 1\frac{1}{7}x^2y^2 - 1\frac{13}{14}x^2 \right) + \left( 2\frac{7}{48}x^2y^2 + 17\frac{20}{31}xy + 20\frac{27}{37}y^2 \right)$$

$$484) \left( 5\frac{8}{39}u^2 + \frac{3}{14}uv \right) - \left( 10\frac{7}{20}uv + 9\frac{2}{33}u^3v^2 + 17\frac{7}{12}v \right) - \left( 1\frac{1}{4}v^2 + 14\frac{1}{9}uv + 1\frac{3}{7}u^3v^2 \right)$$

$$485) \left( 1\frac{13}{22}y^2 + 2\frac{43}{50}xy^3 \right) + \left( \frac{12}{25}xy^2 + 1\frac{17}{47}y^2 - \frac{14}{29}xy^3 \right) + \left( 1\frac{16}{29}xy^3 + \frac{7}{24}y + 2\frac{25}{28}xy^2 \right)$$

$$486) \left( a^2 - \frac{5}{14}a^3 \right) - \left( \frac{13}{23}a^3 - 1\frac{11}{27}a^2b^2 - 30a^2 \right) + \left( 12\frac{1}{5}a^2b^2 + \frac{1}{29}a^3 + 6\frac{1}{38}a^2 \right)$$

$$487) \left( 18\frac{4}{11}x^3y^3 - 1\frac{13}{33}x^3y^2 \right) - \left( 1\frac{2}{37}x^3y + 1\frac{27}{44}x^3y^2 + 1\frac{1}{39}x^3y^3 \right) - \left( 40x^3y + 3\frac{11}{16}x^3y^2 + 5\frac{2}{5}x^3y^3 \right)$$

$$488) (b^3 + 43a^2b^3) + \left( \frac{11}{25}a^3b + 11\frac{29}{46}b^3 + 17\frac{11}{30}a^2b^3 \right) + \left( 23\frac{23}{50}b^3 + 13\frac{1}{16}a^2b^3 + 12\frac{33}{35}a^3b \right)$$

$$489) \left( 12\frac{1}{6} + 15\frac{1}{2}xy^2 \right) - \left( 1\frac{2}{11}xy^3 - \frac{14}{17}xy^2 + 10\frac{5}{7} \right) + \left( 25\frac{5}{34}xy^3 + \frac{25}{44}xy^2 + 5\frac{1}{6} \right)$$

$$490) \left( 1\frac{33}{34}x^2 - \frac{7}{8}x^3y^3 \right) - \left( 25\frac{25}{34}x^2 + 1\frac{27}{41}x^2y + 24\frac{45}{46}y^2 \right) - \left( \frac{17}{22}x^3y^3 - \frac{10}{43}y^2 - 49\frac{7}{23}x^2y \right)$$

$$491) \left( 12\frac{11}{28}x^3y + 1\frac{9}{11}x^3y^3 \right) - \left( 1\frac{3}{4}xy + 25\frac{33}{50}x^3y^3 - 1\frac{11}{35}xy^2 \right) - \left( 18\frac{1}{10}x^3y^3 - 1\frac{5}{8}xy + 13\frac{41}{46}x^3y \right)$$

$$492) \left( 9\frac{17}{26}xy^2 - 1\frac{16}{45}x^2y^2 \right) - \left( 1\frac{3}{4}x^2y^2 - \frac{5}{9}x^3y^2 + 1\frac{2}{29}x^3y^3 \right) - \left( \frac{11}{15}x^3y^2 + 20\frac{43}{44}x^3y^3 - 24\frac{2}{43}x^2y^2 \right)$$

$$493) \left( 1\frac{9}{11}u^3v - u^3v^2 \right) - \left( 32\frac{2}{3}v + 16\frac{19}{50}u^3v - 2\frac{19}{28}u^2v^3 \right) - \left( \frac{2}{5}u^2v^3 - \frac{21}{22}u^3v - \frac{13}{14}u^3v^2 \right)$$

$$494) \left(1\frac{23}{24}y^3 + 25\frac{10}{49}\right) + \left(1\frac{1}{3} - \frac{13}{32}xy^3 - 1\frac{4}{47}y^3\right) - \left(1\frac{8}{11} - 1\frac{17}{49}y + 13\frac{15}{46}xy^3\right)$$

$$495) \left(\frac{8}{17}x^2y^3 + y^3\right) - \left(\frac{2}{5}x^3y^2 + 13y^3 + \frac{1}{2}\right) - \left(4\frac{5}{18}y^3 + 1\frac{13}{18}x^2y^3 + \frac{7}{15}x^3y\right)$$

$$496) \left(1\frac{4}{5}x^2 + 4\frac{41}{50}x^3y\right) + \left(\frac{28}{47}x^2 - 1\frac{1}{3} - \frac{2}{3}x^3y\right) + \left(\frac{1}{2}x^3y + 1\frac{11}{12}x^2 - 1\frac{18}{41}\right)$$

$$497) \left(\frac{1}{2}x^3 + 1\frac{8}{37}x^3y^3\right) - \left(1\frac{1}{2}x^3y^3 + 3\frac{1}{4}xy^2 + 2\frac{7}{24}x^3\right) - \left(\frac{3}{4}xy^2 - 1\frac{1}{2}x^3 + 25\frac{14}{19}x^3y^3\right)$$

$$498) \left(\frac{12}{25}ab^2 + 1\frac{13}{35}b^3\right) + \left(37\frac{2}{15}a^3b + 1\frac{3}{7}ab^2 + 1\frac{17}{20}ab^3\right) + \left(1\frac{4}{13}a^3b + 2\frac{45}{47}ab^3 + 24\frac{6}{35}ab\right)$$

$$499) \left(1\frac{5}{9}mn^3 + 5\frac{41}{47}m^2n^3\right) - \left(15\frac{12}{47}n^3 + 6\frac{9}{10}m^3n - 12\frac{1}{3}m^2n^3\right) - \left(12\frac{17}{19}m^3n + 4\frac{5}{16}mn^3 + 1\frac{43}{47}n^3\right)$$

$$500) \left(1\frac{1}{3}v + 15\frac{10}{31}u^2\right) - \left(49u^3v^3 + 13\frac{13}{29}u^2 - \frac{7}{10}v\right) + \left(\frac{1}{2}v - \frac{8}{25}u^2 + 1\frac{1}{2}u^3v^3\right)$$

$$501) 7v^4 + 1\frac{1}{2}u^2v^3 + \frac{9}{10}uv^4 + \frac{1}{8}v^4 - \frac{8}{9}u^2v^3 + 1\frac{7}{9}u^2v^3 + 6v^4 + 3\frac{1}{5}uv^4$$

$$502) 4\frac{5}{6}x^2y^2 + 4\frac{1}{2}y^2 + \frac{4}{5}x^3y^3 - 10\frac{2}{9}x^2y^2 + y^2 + 4x^2y^2 + 1\frac{6}{7}y^2 - \frac{5}{9}x^3y^2$$

$$503) 2\frac{1}{3}a^4 + 3\frac{3}{7}a^4b^3 + 4\frac{1}{2}a^3b^2 - 1\frac{2}{5}a^4 + 1\frac{3}{5}a^4b^3 + 5\frac{3}{4}a^4 + 1\frac{1}{4}a^3b^2 - 3\frac{2}{3}a^4b^3$$

$$504) 2x^2y^2 + \frac{1}{2}y + 5\frac{5}{6}x^3y^2 - x^4y^3 - 1\frac{1}{6}x^2y + 1\frac{6}{7}x^4y^3 - 8x^3y^2 - 3\frac{3}{10}y$$

$$505) 2\frac{1}{3}y^2 - \frac{4}{5}x^4 + \frac{3}{10}y^2 + 1\frac{1}{4}x^4 + \frac{2}{5}xy^2 + \frac{1}{10}xy^2 - 2\frac{5}{7}y^2 + 5\frac{7}{10}x^4$$

$$506) x^2y^4 - 1\frac{3}{5}x^3y^3 + \frac{1}{7}x^2y^4 - 1\frac{5}{8}x^3y^3 + 1\frac{1}{5}xy^3 + 4\frac{2}{3}xy^3 - 1\frac{6}{7}x^2y^4 - 2\frac{9}{10}x^3y^3$$

$$507) 2x^3 + x^3y^2 + xy^2 - 2x^3 - \frac{1}{2}x^2y^4 + x^4y^2 - 2\frac{3}{4}x^3 - \frac{1}{4}xy^2$$

$$508) x^2y^3 + 1\frac{1}{3}x^3y^4 + 1\frac{4}{5}xy^4 + x^2y^3 + 1\frac{7}{9}x^3y^4 + \frac{1}{8}xy^4 - 2x^2y^3 + \frac{5}{9}x^3y^4$$

$$509) \frac{5}{8}a^4b^4 + \frac{1}{2}a + \frac{3}{10}a^2b + ab^2 + 5\frac{1}{6}a^4b^4 + \frac{2}{5}ab^2 + \frac{1}{4}a - \frac{3}{4}a^4b^4$$

$$510) 9xy^2 + \frac{3}{5}y^4 + 9\frac{7}{10}x + 1\frac{1}{8}y^3 - 3\frac{2}{5}xy^2 + 1\frac{3}{5}y^4 + \frac{3}{4}x + y^3$$

$$511) 1\frac{1}{2}v^3 + 4\frac{1}{6} + 2\frac{7}{10}u^2v^3 - 3\frac{5}{8} + 4\frac{4}{5}v^3 + \frac{4}{9}u^2v^3 - 3\frac{4}{5}u^3v^4 - 3\frac{3}{10}v^3$$

$$512) \frac{3}{4}x^3y^4 - 1\frac{9}{10}x^3y + y^2 + 4\frac{2}{3}x^2y^4 + 5\frac{5}{6}x^3y^4 + 1\frac{1}{3}x^3y^4 - 1\frac{4}{7}y^2 - 3\frac{1}{6}x^2y^4$$

$$513) 5\frac{4}{9}x + 5\frac{4}{5}y^4 + 4\frac{7}{10}x^4y^4 - 2x - 2y^4 + 2xy - 2x^4y^4 + 8x^4$$

$$514) 9y^4 - 8x^2y + 1\frac{1}{2}x^2 + 5\frac{1}{4}x^2y + 1\frac{3}{4}y^4 + 2y^4 + 2\frac{6}{7}x^2y - \frac{2}{3}x^2$$

$$515) \frac{2}{7}v^3 + 3\frac{1}{6}u^4v + 1\frac{1}{4} + \frac{3}{7}u^4v + \frac{1}{2}v^3 + 2\frac{1}{2} + v^3 - 1\frac{3}{7}u^4v$$

$$516) 1\frac{1}{8}x^3 - \frac{9}{10}x^4 + 4\frac{1}{2} - 2\frac{5}{9}x^3 - \frac{1}{6}x^2y^3 + 5\frac{8}{9}x^2y - 1\frac{1}{2}x^4 + 1\frac{5}{6}x^2y^3$$

$$517) 5mn^4 - 1\frac{3}{8}m^2n^3 + 4\frac{5}{6}n^2 + 4\frac{5}{9}m^2n^3 - 2\frac{1}{6}mn^4 + \frac{1}{2}m^3 + 1\frac{1}{10}m^3n^4 - 2\frac{1}{3}n^2$$

$$518) \frac{1}{7}xy + 5\frac{7}{9}x^3y + \frac{1}{2}x^4 + 5\frac{1}{4}xy + \frac{7}{8}x^3y + x^4 - \frac{1}{7}x^3y + \frac{1}{2}xy$$

$$519) 3\frac{3}{7}a^4b + 5\frac{4}{5}ab^3 + a^4b - 1\frac{5}{8}a^2b - \frac{1}{2}ab^3 + a^2b + 1\frac{2}{3}ab^3 + \frac{5}{9}a^4b$$



$$520) \frac{1}{4}m^2n + \frac{4}{7}m^3n + 2\frac{4}{5}m^2n + 4\frac{1}{4}mn^3 - 2\frac{7}{8}n^4 + mn^3 - 2m^4n^4 - 2\frac{1}{2}m^3n$$

$$521) 1\frac{2}{7}mn^3 + 1\frac{1}{6}m^4n + \frac{5}{6} - 7mn^3 - 1\frac{8}{9}m^4n + \frac{4}{9} - 1\frac{1}{5}mn^3 + \frac{2}{3}m^4n$$

$$522) \frac{1}{2}mn^2 + mn^3 + m - \frac{3}{5}mn^2 - 1\frac{3}{5}m^3n + 1\frac{7}{9}m + 5\frac{5}{8}mn^2 + 4\frac{1}{2}m^3n$$

$$523) 3\frac{4}{7}x^2y + 8x^3y^2 + 4\frac{1}{2}x^4 + 1\frac{1}{2}x^2y - 1\frac{7}{8}x^3y^2 + \frac{7}{9}x^3y^2 - 1\frac{7}{9}x^4 + \frac{1}{6}x^3y^4$$

$$524) 2\frac{6}{7}x^4y^2 + 1\frac{1}{2}xy^4 + 1\frac{1}{10}x^3y + \frac{1}{2}x^4y^2 + 1\frac{7}{10}y^2 + \frac{1}{4}x^3y - 3\frac{1}{2}y^2 - 1\frac{3}{4}xy^4$$

$$525) 2x^3y^3 - 1\frac{3}{8}x^3y^2 + \frac{3}{10}x^3y^3 + 1\frac{1}{6}x^3y^2 - \frac{5}{7}x^2 + 2\frac{8}{9}x^3y^3 + 1\frac{1}{3}x^3y^2 + 9x^2$$

$$526) \frac{2}{3}b^3 - 1\frac{1}{3}a^3b^3 + \frac{5}{6}b^3 - 2\frac{4}{9}a^3b^2 + 2\frac{3}{10}a^3b^3 + \frac{1}{2}a^3b^3 + \frac{3}{5}a^3b^2 + \frac{1}{6}b^3$$

$$527) 10\frac{1}{5}u^2v + 4\frac{1}{4}u^2v^3 + 5\frac{5}{9}uv^4 - 1\frac{9}{10} - 2\frac{1}{6}u^2v^3 + \frac{1}{5} + 4\frac{6}{7}u^2v^3 + 4\frac{1}{5}v^4$$

$$528) 1\frac{1}{2}x^2y^2 - 4xy^3 + 1\frac{2}{5}xy^3 + 1\frac{7}{10}x^2y^2 + \frac{4}{7}x + 5\frac{1}{10}x^2y^2 + 3\frac{3}{5}xy^3 + 3x$$

$$529) 1\frac{5}{6}u^4 + \frac{1}{8}uv^4 + 4\frac{3}{10}u^3v^2 + 5\frac{5}{6}u^4 + 1\frac{1}{4}u^4v^3 + 1\frac{5}{9}u^4v^3 - 1\frac{1}{2}u^4 + 4\frac{1}{4}uv^4$$

$$530) 10\frac{7}{10}m^4n^2 + \frac{1}{2}m^3n^4 + 1\frac{4}{7}m^3n^4 - 3\frac{1}{5}m^2n^4 + m^4n^2 + m^3n^4 - \frac{2}{3}m^2n^4 + 1\frac{1}{2}m^4n^2$$

$$531) \frac{1}{2}m^4n^2 + 1\frac{1}{2}m^3 + 3\frac{6}{7}m^4n^3 + 3\frac{1}{4}m^4n^2 + 5\frac{7}{9}m^3 + \frac{1}{2}m^4n^3 + 4\frac{4}{9}n^4 + 3\frac{1}{6}m^4n^2$$

$$532) 1\frac{1}{2}u^2v^4 + u + \frac{1}{4}u^2v^4 + 3\frac{2}{3}v^3 + 1\frac{2}{7}u + 2u + 3\frac{3}{4} - \frac{1}{3}v^3$$

$$533) 3x - x^2y^3 + \frac{1}{2}x^3y + 7\frac{3}{10}x - 7x^2y^3 + 1\frac{1}{2}x^2 - 2\frac{2}{7}x + x^2y^3$$

$$534) 1\frac{3}{5}x^3y + \frac{1}{7}y^2 + 3\frac{1}{4}x^3y^4 - 1\frac{9}{10}y^2 + 1\frac{1}{3}x^3y + 5\frac{5}{6}y^2 + 2x^3y - 2\frac{4}{5}x^2y^2$$

$$535) 2u^3 - 1\frac{1}{8}v^3 + \frac{3}{4}uv + 4\frac{1}{4}u^3 + \frac{3}{4}u^2v^4 + \frac{1}{3}u^4v^4 + \frac{2}{7}uv + \frac{2}{3}u^3$$

$$536) \frac{6}{7}x - 1\frac{2}{5}x^2 + \frac{1}{2}y^2 + 8x^2 - 1\frac{3}{4}x + 1\frac{1}{3}x^2 + 2\frac{4}{7} + 4\frac{4}{5}y^2$$

$$537) x^4y^2 + 5\frac{4}{9}x^2y^4 + \frac{1}{2}x^2 + 4\frac{1}{4}x^4y^2 + \frac{2}{7}x + 1\frac{1}{4}x^2y^4 - x + \frac{1}{7}x^2$$

$$538) 1\frac{5}{7}x^4y^4 - \frac{2}{3}y + 1\frac{2}{3}x^4y^4 + \frac{4}{7}xy + 1\frac{5}{8}y + 2xy + \frac{1}{2}x^4y^4 + 2y$$

$$539) \frac{7}{10}b + 1\frac{9}{10}a^2 + 1\frac{5}{7}b + \frac{1}{5}a^2 + 5\frac{1}{2}a^3b + 1\frac{4}{7}b^4 + 1\frac{1}{5}a^2 + 1\frac{1}{3}a^3b$$

$$540) 8x^4y^4 + \frac{7}{10}y + 4\frac{2}{7}x^2 + 2\frac{3}{8} - 2\frac{5}{6}y^4 + 1\frac{1}{3}y - 3\frac{1}{10} - 1\frac{2}{5}y^4$$

$$541) 5\frac{1}{6}x^4y + 1\frac{2}{3}x^4y^4 + y - 1\frac{1}{2}x^4y^4 + 2x^4y + 2x^4y + 2\frac{1}{4}y + \frac{1}{4}x^4y^4$$

$$542) 1\frac{5}{6}x^4y^2 + \frac{7}{9}xy + 1\frac{1}{5}x + 2\frac{5}{6}x^4y^2 - \frac{5}{8}xy + \frac{2}{5}x^4y^2 - 1\frac{1}{4}xy - \frac{3}{8}x$$

$$543) 5\frac{4}{9}a^2b + 1\frac{5}{8}ab + \frac{5}{7}a^3b^3 + 3\frac{3}{7}b^3 + 1\frac{3}{5}a^2b + \frac{1}{2}a^2b + \frac{1}{3}b^3 + 1\frac{1}{3}ab$$

$$544) \frac{2}{5}y^4 - 2\frac{3}{4}x^2y + x^2y + 2\frac{7}{8}y^4 - \frac{7}{9}y^2 + 1\frac{1}{2}y - \frac{2}{3}y^2 - \frac{5}{9}y^4$$

$$545) 4\frac{4}{5}x^3y^2 - \frac{1}{3}x^4y + \frac{3}{4}x^3y^2 + \frac{1}{2}x^4y + x^2y + 1\frac{1}{9}x^3y^2 + 1\frac{1}{6}x^2y - 1\frac{3}{7}x^4y^4$$

$$546) 1\frac{7}{9}v + 1\frac{1}{2}u^4v + \frac{5}{6}v + u^4v^3 - 1\frac{1}{2}u^4v + \frac{1}{2}u^3v^2 + 5\frac{5}{7}u^4v^3 + 5\frac{3}{7}u^4v$$

$$547) \frac{3}{4}n^3 - 2\frac{3}{4}m^4n^4 + 4\frac{1}{6}m^3n^3 + 2\frac{1}{2}m^4n^4 + 4\frac{4}{9}n^3 + 2\frac{3}{8}m^3n^3 + 1\frac{3}{7}mn - 1\frac{2}{3}n^3$$

$$548) \frac{1}{7}x - 1\frac{7}{10}x^3y + \frac{1}{7}x^3y - 2\frac{2}{5}y + 8x + 2\frac{7}{8}x^3y + \frac{1}{2}x^2y^4 + 1\frac{1}{8}y$$

$$549) 2x^3y^4 + \frac{1}{2}x^4 + \frac{7}{8}x^4 - 4x^3y^4 + 4\frac{1}{3}x^4y^2 + 5\frac{3}{5}x^4 + 4\frac{5}{8}x^4y^2 - \frac{5}{7}x^3y^4$$

$$550) 1\frac{1}{2}ab^2 + 5\frac{1}{4}a^2b^3 + 3\frac{3}{8}ab^2 - a^2b^3 + ab^3 + 5\frac{7}{8}a^2b^3 + 1\frac{6}{7}ab^2 - \frac{9}{10}ab^3$$

$$551) 5\frac{1}{3}x^3 + 5\frac{1}{2}x^2 + x^4y^3 + 1\frac{1}{2}x^3 + 4\frac{1}{10}x^2y^2 + 1\frac{1}{2}x^3 + \frac{1}{3}x^2y^2 + 1\frac{1}{2}x^3y$$

$$552) 4\frac{2}{9}a^4b^3 - 1\frac{3}{7}a^2b^4 + a^4b^3 + 2\frac{1}{10}a^2b^4 - 1\frac{1}{2}a^2b^2 + 2\frac{1}{2}a^2b^2 - 1\frac{4}{5}a^4b^3 - 1\frac{3}{8}a^2b^4$$

$$553) 2x^2y^3 - 1\frac{1}{5}x^2 + \frac{4}{5}x^4 - 2x^2 + 5\frac{5}{6}x^2y^3 + 1\frac{1}{2}x^2y^3 + 1\frac{3}{8}x^4 + 2x^2$$

$$554) 4\frac{1}{2}x^2 + 5\frac{1}{4}x^2y^2 + x^2y^2 + 1\frac{2}{5} - 4\frac{1}{4}xy^3 + 2\frac{5}{8}xy^3 - 1\frac{1}{3} + 1\frac{1}{9}x^2y^2$$

$$555) \frac{2}{3}u^3v^3 - 1\frac{1}{2}uv^4 + 1\frac{1}{2}u^3v^2 + 1\frac{5}{7}uv^4 + 5\frac{1}{6}u^2v^3 + 5\frac{1}{10}u^3v^3 + 1\frac{2}{3}u^3v^2 + 1\frac{7}{10}u^2v^3$$

$$556) 5\frac{8}{9}uv + uv^2 + uv^2 + \frac{7}{10}uv + 1\frac{1}{3} + 1\frac{5}{6}uv + 1\frac{1}{4}uv^2 + \frac{1}{4}v^2$$

$$557) 3\frac{1}{6}mn - \frac{2}{7}m^3n^2 + 1\frac{1}{2}m^3n^2 + 3\frac{4}{5}m^4 + 2\frac{4}{5}m^3n^4 + 2\frac{1}{10}m^3n^4 + \frac{4}{5}m^3n^2 + 4\frac{9}{10}mn$$

$$558) \frac{3}{4}x + \frac{2}{5} + \frac{1}{7}y^2 + 1\frac{2}{5} + \frac{3}{4}x + 1\frac{2}{7} + 5\frac{1}{8}y + 1\frac{8}{9}x$$

$$559) 5\frac{1}{5}x^2y^4 - 10y + \frac{9}{10}y^2 + 5\frac{9}{10}y - \frac{2}{3}x^2y^4 + 2x^2y^4 - 1\frac{3}{5}y - \frac{1}{4}y^2$$

$$560) \frac{3}{5}b^2 + 1\frac{1}{2}a^2 + \frac{2}{5}b^2 + 5\frac{6}{7}ab + 2\frac{3}{7}a^2 + 2ab - \frac{1}{2}b^2 + 1\frac{1}{3}a^2$$

$$561) 2x - 1\frac{1}{5}xy^4 + 5\frac{1}{3}x + 1\frac{1}{9}xy^2 + 5\frac{1}{2} + 8xy^2 - \frac{1}{3}xy^4 - 1\frac{1}{10}$$

$$562) \frac{1}{5}x^3y^3 + 4\frac{3}{5}x^2y + \frac{3}{8}x^3y^2 + \frac{1}{6}x^2y + \frac{4}{5}xy + 3\frac{4}{9}xy + 5\frac{1}{5}x^3y + 2\frac{1}{3}x^2y$$

$$563) 5\frac{2}{5}x^2y^4 - 2x^3 + \frac{3}{7}x^3 + 1\frac{4}{5}x^4y^2 + 1\frac{1}{2}x^2y^4 + \frac{1}{5}x^2y^4 - \frac{4}{5}x^3 + 2\frac{4}{7}x^4y^2$$

$$564) n + 2\frac{4}{9}n^4 + 9\frac{2}{5}n - \frac{1}{2}n^4 - \frac{1}{3}m^4n^2 + 1\frac{1}{5}m^4n^2 - 5n - 2\frac{9}{10}n^4$$

$$565) 5xy - 3\frac{2}{5}x^4 + \frac{9}{10}x^4 + 5\frac{1}{9}x^3y^4 - 2\frac{5}{9}xy + xy - 1\frac{1}{4}x^4 - 2\frac{3}{5}x^3y^4$$

$$566) 5\frac{1}{7}ab^2 - 1\frac{1}{8}a^2b^2 + 3\frac{1}{3}ab^2 - 1\frac{5}{9}b - 1\frac{5}{8}a^3b^4 + 1\frac{1}{2}a^2b^2 + \frac{2}{3}ab^2 + \frac{1}{4}a^4b^3$$

$$567) 1\frac{1}{4}u^2 - \frac{6}{7}u^3v + 1\frac{1}{8}u^3v^4 + 1\frac{1}{3}u^3v + 3\frac{8}{9}u^3v^3 + u^3v + 1\frac{1}{7}u^3v^3 + \frac{5}{9}u^3v^4$$

$$568) 2\frac{2}{3}x^4y^2 + \frac{4}{7}xy + 3\frac{1}{4}y^3 - 2x^4y^4 - 2\frac{5}{6}xy + 2\frac{3}{4}y^3 - 2\frac{1}{4}x^4y^2 + 1\frac{1}{2}x^4y^4$$

$$569) 4\frac{7}{8}x^4y - 2\frac{2}{3}x^3y^4 + x^3y^4 - 5\frac{3}{4}x^4y - \frac{3}{5}y + 1\frac{5}{8}x^3y^4 - 3\frac{1}{3}x^4y + \frac{2}{5}y^3$$

$$570) 1\frac{1}{8}v^2 + 2uv + 3\frac{2}{3}u^4v^4 + \frac{1}{2}uv + 4\frac{5}{7}u^4v + 1\frac{3}{5}uv - 1\frac{3}{8}u^4v + 1\frac{4}{9}u^4v^4$$

$$571) 5\frac{3}{7}x^3y^3 + xy^3 + \frac{9}{10}x^3 - 3\frac{8}{9}x^3y^3 + 2\frac{3}{4}xy^3 + 1\frac{1}{3}xy^3 + \frac{1}{2}x^3 + 1\frac{1}{2}y^3$$

$$572) 1\frac{8}{9}x + 2y^3 + 4\frac{3}{4}y^3 - 2x - 2\frac{7}{10}xy^3 + \frac{3}{4}y^3 + 8\frac{2}{5}xy^3 + 1\frac{2}{5}x$$

$$573) \frac{2}{3}x^2 - \frac{8}{9}y^3 + 1\frac{1}{8}x^2y^3 + \frac{1}{2}x^3y^2 - 2\frac{3}{4}y^3 + 3\frac{2}{7}x^2y^3 + \frac{1}{3}x^2y + 2\frac{1}{2}y^3$$

$$574) 4x^2 - \frac{1}{3}x^3 + 4\frac{2}{7}x^2 - 5x^3 + \frac{2}{9}x^3y^3 + 1\frac{1}{3}x^2 + 1\frac{5}{7}x^3y^3 - 1\frac{5}{6}x^3$$

$$575) 1\frac{2}{3}x^3y^4 + \frac{3}{7}x^3 + \frac{1}{3}y^2 + 1\frac{7}{9}x^3 + \frac{1}{3}x^3y^4 + 1\frac{5}{6}x^3y^4 + 8\frac{3}{4}x^3 - 3\frac{9}{10}y^2$$

$$576) 2\frac{4}{5}m^4n^2 + 4\frac{2}{5}n^4 + 1\frac{8}{9}m^4n + 1\frac{1}{2}m^3n^4 + 4\frac{2}{5}n^4 + 1\frac{4}{5}m^4n + \frac{1}{3}m^3n^4 + 2\frac{1}{8}m^4n^3$$

$$577) \frac{3}{4}ab^3 - 1\frac{1}{2}a^2b^4 + 5\frac{1}{4}a^2b + 1\frac{1}{4}b^2 + \frac{2}{9}ab^3 + 1\frac{1}{3}a^2b^4 - \frac{1}{2}ab^3 - 4a^2b$$

$$578) 1\frac{3}{4}ab^3 + 3a^3b^3 + 2\frac{5}{6}ab^3 + 2a^3b^3 - 1\frac{1}{5}ab + 1\frac{5}{6}a^3b^3 + 3\frac{3}{5}ab - \frac{1}{4}ab^3$$

$$579) x^3y^4 - \frac{1}{5}x + 3x^3y^4 + 3\frac{1}{3}x - 1\frac{1}{6}x^4y^2 + \frac{1}{4}x + \frac{1}{2}x^4y^2 - 1\frac{3}{8}y^3$$

$$580) 2\frac{1}{9}x^4 - 1\frac{1}{4}x^3y^3 + \frac{2}{3}x^4 + 1\frac{4}{5}y^3 + 4\frac{1}{3}x^3y^3 + 1\frac{1}{2}xy^2 + 2\frac{2}{3}x^4 + 4\frac{1}{2}x^3y^3$$

$$581) \frac{1}{9}x^4 - 1\frac{1}{10}x^2y^2 + 2x^4y^2 + \frac{3}{4}x^2y^2 + 1\frac{1}{2}x^4 + 2\frac{1}{10}x^2y^4 + \frac{3}{4}x^2y^2 + \frac{9}{10}x^4$$

$$582) 1\frac{1}{6}m^2 + 5\frac{2}{9}m + 3\frac{5}{6}n^4 + 5\frac{1}{5}mn + \frac{1}{2}m + m^2 + \frac{1}{2}n^4 + \frac{2}{3}m^3n^4$$

$$583) \frac{1}{3}a^2b^4 - \frac{1}{2}a^4b^3 + 1\frac{1}{3}a^4b^3 + \frac{2}{3}a^3b^2 + 5\frac{1}{2}a^2b^4 + 5\frac{4}{5}a^4b^3 + 5\frac{5}{6}a^3b^2 + 5\frac{1}{6}a^2b^4$$

$$584) 3\frac{5}{9}y^2 + x^2 + 1\frac{3}{5}xy^4 - 1\frac{1}{2}x^2y^4 + 3\frac{3}{4}y^2 + 1\frac{2}{3}x^3y^4 + 3\frac{7}{10}xy^4 + 1\frac{1}{2}x^2y^4$$

$$585) 1\frac{1}{3}x^4y^4 + 1\frac{5}{6}x^4y^2 + \frac{1}{6}x^4y^2 - 3\frac{7}{8}x^4y^4 + \frac{7}{9}xy^4 + x^4y^2 + 5\frac{7}{10}xy^4 + 1\frac{1}{2}x^4y^4$$

$$586) 6x + 5\frac{5}{6}xy^2 + \frac{4}{7}xy^2 + 3\frac{1}{8}xy^4 + 3\frac{4}{9}x + 4\frac{2}{3}x + 1\frac{3}{5}xy^2 + 4\frac{5}{6}xy^4$$

$$587) \frac{2}{3}ab + 5b^4 + 1\frac{1}{7}b^4 - 1\frac{5}{7}ab + 3\frac{5}{6}a^4b^2 + \frac{5}{9}a^4b^2 + 1\frac{3}{8}b^4 + 1\frac{2}{3}ab$$

$$588) 9x - \frac{1}{4}x^3 + 3\frac{4}{5}x^3 + 2 + \frac{3}{7}x^2y^4 + 1\frac{9}{10} - 1\frac{1}{4}x^3 + 2\frac{2}{3}x^2y^4$$

$$589) \frac{3}{4}u^4v^3 + \frac{3}{8}u^3v + 2\frac{1}{4}u^3v^3 + \frac{1}{4}u^3v + 1\frac{1}{6}v^3 + 2\frac{1}{5}u^3v^3 - 2\frac{5}{6}u^3v^2 + 1\frac{4}{9}v^3$$

$$590) 4\frac{5}{6} - \frac{1}{4}x^2y + 2\frac{1}{6}x^3y + 1\frac{2}{5} + 3\frac{5}{8}x^3 + 1\frac{3}{8} + 8\frac{3}{7}x^2y - 2\frac{1}{2}x^3y$$

$$591) 4\frac{1}{10}m^3n^3 + 1\frac{7}{10}m^3n^4 + 1\frac{5}{8}m^3n^4 + m^4n^2 + 4\frac{1}{6}m^3n^3 + 3\frac{1}{2}m^4 - 2\frac{1}{2}m^3n^4 + 5\frac{8}{9}m^4n^2$$

$$592) 5\frac{1}{5}y^3 - 3\frac{1}{5}x^4y^4 + 4\frac{3}{4}y^2 + \frac{3}{5}x^4y^4 - 2\frac{2}{5}y^3 + \frac{1}{2}y^3 + \frac{1}{4}x^4y^4 + 1\frac{5}{6}y^2$$

$$593) \frac{1}{2}x^4y^3 - 1\frac{2}{7}x^2y + 5\frac{2}{3}x^4y^3 - 1\frac{1}{3}x^2y + 1\frac{3}{7}x^3 + x^2y - \frac{3}{10}x^3 + 1\frac{1}{3}x^4y^3$$

$$594) 1\frac{1}{3}u^2v + \frac{1}{10}u^2 + 2\frac{1}{2}u^2v^3 - 1\frac{3}{7}u^2 + \frac{3}{4}u^2v + 1\frac{1}{6}u^4 + 1\frac{1}{2}u^2v^3 - 2u^2$$

$$595) \frac{1}{8}x^4y^3 - 1\frac{4}{7}x^2 + 2\frac{5}{6}x^2 + 1\frac{1}{5}y^2 - x^4y^3 + 1\frac{2}{5}x^4y^3 - 2y^2 - 2\frac{1}{10}x^2$$

$$596) \frac{1}{4}a^3b^3 - 1\frac{3}{8}ab + 1\frac{2}{3}ab + \frac{1}{5}a^3b + 1\frac{3}{4}a^3b^3 + \frac{1}{10}a^3b^3 - \frac{1}{4}a^3b + \frac{2}{7}ab$$

$$597) \frac{1}{2}xy - 1\frac{5}{7}x^4y^2 + 5\frac{1}{2}xy - \frac{1}{2}x^2y - 10x^4y^2 + 1\frac{1}{3}xy + 1\frac{1}{9}x^4y^2 - 1\frac{3}{10}x^2y$$

$$598) 4\frac{5}{6}b^2 + \frac{5}{8}a^3b + 1\frac{2}{3}b^2 + 5\frac{1}{8}a^2b^4 + 2\frac{1}{5}a^4b^4 + \frac{2}{7}b^2 + 5\frac{2}{9}a^4b^4 + 2a^2b^4$$

$$599) \frac{1}{2}x^2y^3 + 2\frac{5}{6}y^3 + 2\frac{1}{7}x^3y^4 + 2x^2y^3 - 1\frac{2}{3}y^3 + 1\frac{2}{5}x^2y^3 - 1\frac{7}{8}xy^3 - 2y^3$$

$$600) 3\frac{1}{3}y - 6\frac{3}{4}y^2 + \frac{1}{2}y + 1\frac{1}{4}x^4y^4 + \frac{6}{7}y^4 + \frac{4}{9}x^4y^4 + \frac{2}{5}y - 1\frac{1}{3}y^4$$

$$601) \left(2\frac{4}{9}ab^2 + \frac{1}{4}b\right) - \left(1\frac{2}{3}b - 1\frac{5}{6}ab^2 - \frac{2}{11}a^4b^3\right) - \left(2\frac{3}{10}ab^2 + 1\frac{7}{11}b + 2\frac{1}{6}a^4b^3\right)$$

$$602) \left(2x^2y^4 + 4\frac{7}{11}x^3\right) - \left(6\frac{1}{2}y^2 + 4\frac{1}{12}x^2y^4 - \frac{2}{13}x^3\right) - \left(7\frac{1}{4}y^2 - 1\frac{3}{4}x^3 - \frac{2}{3}x^2y^4\right)$$

$$603) \left(5\frac{7}{13}uv^2 - \frac{5}{11}v^2\right) - \left(3\frac{1}{4}v^4 + 4u^2v^4 - 3\frac{7}{13}uv^2\right) - \left(\frac{1}{2}uv^2 - 1\frac{10}{13}v^2 - 5u^2v^4\right)$$

$$604) \left(1\frac{11}{14}n^2 + \frac{10}{11}m^2n^2\right) - \left(\frac{1}{2}m^2n^2 - 4m^3n + \frac{11}{12}n^2\right) - \left(\frac{1}{2}m^3n - \frac{1}{7}n^2 + \frac{1}{4}m^2n^2\right)$$

$$605) \left(5\frac{11}{12}x^2 + 2\frac{1}{2}x\right) - \left(\frac{4}{9}x^3y^2 - 8\frac{5}{6}x^2 - xy^3\right) - \left(1\frac{3}{14}x - 2\frac{10}{13}x^3y + 7\frac{9}{10}xy^3\right)$$

$$606) \left(\frac{1}{6}x^3y^4 - \frac{1}{2}xy^4\right) - \left(5\frac{1}{11}x^4y - 8\frac{2}{5}x^3y^4 - \frac{2}{9}xy^4\right) - \left(\frac{4}{9}x^3y^4 + 2\frac{1}{8}xy^4 - 1\frac{3}{10}x^4y\right)$$

$$607) \left(3\frac{1}{3}u^3v^4 - 1\frac{13}{14}u^4v^3\right) - \left(3\frac{1}{2}uv^4 + u^2v + \frac{4}{7}u^4v^3\right) - \left(1\frac{3}{7}u^3v^4 + u^4v^3 + \frac{4}{5}u^2v\right)$$

$$608) \left(n^2 + \frac{1}{6}m^4n^2\right) - \left(2\frac{13}{14}m^4n^2 + 12\frac{4}{5}m^4 + \frac{1}{14}m^2n^3\right) - \left(1\frac{6}{13}m^4 - 1\frac{3}{7}m^4n^2 - 3\frac{1}{9}n^2\right)$$

$$609) \left(1\frac{1}{5}x^4 - x^2y\right) - \left(1\frac{1}{2}x^4y^4 + 2\frac{1}{12}x^2y^3 + 1\frac{5}{14}x^2y\right) - \left(\frac{8}{9}x^2y + 7\frac{5}{6}x^4 + \frac{2}{5}x^2y^3\right)$$

$$610) \left(\frac{2}{13}u^3v^3 - 6u^3v^4\right) - \left(1\frac{1}{6}u^4v + 5\frac{3}{5}u^2 - 1\frac{1}{2}u^3v^3\right) - \left(\frac{1}{10}u^4v + 3\frac{1}{3}u^2 - 1\frac{1}{12}u^3v^4\right)$$

$$611) \left(2xy - \frac{1}{2}x\right) - \left(1\frac{1}{2}xy^4 - \frac{5}{6}x^3y^2 + 6\frac{1}{8}xy\right) - \left(\frac{5}{8}x^3y^2 + 1\frac{2}{9}xy + 4\frac{1}{7}x\right)$$

$$612) \left(1\frac{3}{4}m^2n^4 - 8n^4\right) - \left(7\frac{1}{3}n^4 + \frac{11}{12}m^4n + \frac{13}{14}m^2n^4\right) - \left(2m^4n + 1\frac{1}{4}m^2n^4 - 1\frac{9}{14}n^4\right)$$

$$613) \left(1\frac{1}{4}y^2 - \frac{3}{5}x^4y\right) - \left(8x^3 + \frac{1}{9}x^2y^3 + \frac{8}{9}y^2\right) - \left(4\frac{1}{12}x^3 + 6\frac{3}{10}x^2y^3 - \frac{4}{5}x^4y\right)$$

$$614) \left(\frac{7}{9}x^3y^3 + 1\frac{1}{2}x^3y\right) - \left(1\frac{1}{3}x^3y + \frac{4}{13}x^2y^3 + 4\frac{2}{13}x^3y^3\right) - \left(2x^3y + x^3y^3 + 1\frac{1}{2}x^2y^3\right)$$

$$615) \left(2xy^4 + 7\frac{3}{10}\right) - \left(4\frac{1}{2}xy^4 + 6\frac{1}{10} - 1\frac{1}{3}x^3y\right) - \left(\frac{1}{14}xy^4 + 7\frac{4}{7} + 1\frac{2}{11}x^3y\right)$$

$$616) \left(1\frac{1}{4}xy^3 - 2\frac{1}{6}x^3y^2\right) - \left(x^3y^2 - \frac{3}{7} - 1\frac{1}{3}y^2\right) - \left(7\frac{1}{3}xy^3 - \frac{1}{4} - \frac{5}{8}x^4y^3\right)$$

$$617) \left(6\frac{3}{5}v - 2u^2\right) - \left(2\frac{3}{8}u^2 - 1\frac{1}{2}v + 6\frac{7}{9}uv^3\right) - \left(1\frac{4}{5}uv^3 + 1\frac{7}{12}u^2 - 2\frac{10}{11}v\right)$$

$$618) \left(1\frac{1}{4}a^2b^4 + 2\frac{2}{11}a\right) - \left(1\frac{2}{3}a^2b^4 + 1\frac{1}{12}b^4 + 6\frac{9}{11}a^3b^3\right) - \left(2\frac{8}{9}a^3b^3 + \frac{2}{3}a^4b + 1\frac{1}{3}a^2b^4\right)$$

$$619) \left(5\frac{1}{3}u^3v + 1\frac{1}{3}u^2v^4\right) - \left(2\frac{5}{12}u^2v^4 + \frac{1}{6}u^3v - 8v\right) - \left(1\frac{1}{14}v - 1\frac{8}{13}u^3v + 1\frac{5}{11}uv^3\right)$$

$$620) \left(1\frac{1}{4}x^3 + 1\frac{9}{13}x^4\right) - \left(3\frac{3}{8}x^4 - \frac{1}{7} - 4x^2y\right) - \left(2x^4 + 4\frac{5}{12} + \frac{5}{6}x^2y\right)$$

$$621) \left(5\frac{3}{5}y^2 - 1\frac{2}{5}x^4y^2\right) - \left(2y^2 - 1\frac{1}{3}x^4y^2 + 2\frac{1}{3}x^2\right) - \left(5\frac{1}{5}x^3y + 1\frac{1}{2}x^4y^2 - 1\frac{1}{2}y^2\right)$$

$$622) \left(\frac{8}{11}xy + 9y^2\right) - \left(\frac{2}{7}y^2 + \frac{10}{13}x^4y + 2\frac{2}{3}xy\right) - \left(6\frac{7}{10}y^2 + 4\frac{3}{5}x^4 - 2xy\right)$$

$$623) \left(\frac{5}{9}x^2 - 1\frac{5}{11}x^3\right) - \left(3\frac{6}{7}y^3 + \frac{2}{3}x^4y^4 - 1\frac{11}{12}x^3\right) - \left(1\frac{5}{11}y^3 - 3\frac{1}{2}x^4y - 3\frac{3}{10}x^3\right)$$



$$624) \left( \frac{1}{2}n - 2m^2n^4 \right) - \left( 2m^4 + \frac{1}{2}n - 2\frac{8}{11}m^2n^4 \right) - \left( 4\frac{3}{10}m^4 + 6\frac{1}{5}n - 1\frac{7}{11}m^2n^4 \right)$$

$$625) \left( xy - 2\frac{1}{9}x^4y^2 \right) - \left( 2xy + 5\frac{1}{5}x^2 + 1\frac{7}{10}x^4y^2 \right) - \left( 1\frac{1}{3}xy + 5\frac{4}{7}y^2 - \frac{5}{7}x^2 \right)$$

$$626) \left( 1\frac{5}{8}xy^2 + 1\frac{4}{5}x \right) - \left( 1\frac{3}{5}xy^2 + 1\frac{1}{3}x - 13x^3y^2 \right) - \left( 2\frac{4}{5}x + 1\frac{9}{10}xy^2 + 7\frac{3}{14}x^3y^2 \right)$$

$$627) \left( 1\frac{1}{8}a^3b^3 + 3\frac{1}{2}a^4b^2 \right) - \left( \frac{2}{5}a^4b + 4\frac{1}{8}a^3b^3 + 5\frac{6}{7}a^4b^2 \right) - \left( \frac{9}{10}a^4b - 1\frac{1}{10}a^3b^3 + 1\frac{5}{9}a^4b^2 \right)$$

$$628) \left( 5\frac{1}{3}a^4b^2 + 6\frac{6}{7}b^2 \right) - \left( \frac{6}{13}a^4b^2 - 1\frac{5}{8}b + 1\frac{7}{8}b^2 \right) - \left( 1\frac{3}{10}b + 2b^2 - 1\frac{5}{6}a^4b^2 \right)$$

$$629) \left( \frac{1}{3}x^3y^2 - 1\frac{12}{13}x^3y^3 \right) - \left( 1\frac{10}{13}xy^2 - 1\frac{3}{5}x^2 + 6\frac{7}{8}y^2 \right) - \left( \frac{2}{3}x^3y^3 + 2\frac{5}{6}x^3y^2 - 3\frac{4}{5}x^2 \right)$$

$$630) \left( \frac{3}{7}x^4y^3 + 1\frac{5}{8}x \right) - \left( 14x + 1\frac{7}{9}x^4y^2 + 7\frac{1}{5}y^3 \right) - \left( \frac{2}{3}x + 3\frac{3}{4}x^4y^3 - 2\frac{7}{12}y^3 \right)$$

$$631) \left( 4\frac{8}{13}x^2y^4 + 1\frac{2}{3}x^4y^4 \right) - \left( 6\frac{1}{5}x^4y^4 + 3\frac{2}{3}x^2y^4 + 6\frac{6}{13}x^3y \right) - \left( 6x^4y^4 + \frac{9}{11}x^2y^4 - 1\frac{1}{3}x^3y \right)$$

$$632) \left( \frac{3}{4}x^3y^3 + \frac{1}{2}xy^2 \right) - \left( 2x^2y^4 + 1\frac{1}{3}xy^2 - 1\frac{10}{13}y^4 \right) - \left( \frac{1}{8}x^2y^4 + 5\frac{5}{7}y^4 - \frac{1}{3}x^3y^3 \right)$$

$$633) \left( 2mn + 4\frac{9}{10}m^4n^2 \right) - \left( 1\frac{2}{5}m^4n^2 + 3\frac{1}{2}mn^2 - \frac{3}{4}mn \right) - \left( \frac{4}{5}m^3n^2 + 5\frac{12}{13}m^4n^2 + 1\frac{3}{4}mn^2 \right)$$

$$634) (9u^2v + 14uv^2) - \left( 1\frac{1}{4}u^2v - 2u^3v^3 - \frac{3}{5}uv^2 \right) - \left( 6\frac{5}{6}uv^2 + 3\frac{1}{5}v^2 - 1\frac{2}{3}u^2v \right)$$

$$635) \left( 1\frac{2}{11}a^3b - 1\frac{3}{4} \right) - \left( 3\frac{1}{2}a^2b^4 - 2\frac{1}{5} + 1\frac{2}{13}a^3b \right) - \left( 1\frac{7}{10}a^3b - \frac{12}{13} + \frac{1}{2}a^2b^4 \right)$$

$$636) \left( 3\frac{5}{14}y^4 + 4\frac{7}{12}x^4y^4 \right) - \left( 2y - 1\frac{11}{12}y^4 + 1\frac{3}{4} \right) - \left( \frac{1}{7}x^4y^4 + 6\frac{1}{3}y^4 - 1\frac{3}{7} \right)$$

$$637) \left(6\frac{1}{3}x^4y^4 + 3\frac{4}{11}x^2\right) - \left(1\frac{2}{3}x^2 - 1\frac{1}{14}x^4y^4 - 1\frac{5}{12}x\right) - \left(4\frac{11}{13}x - \frac{4}{7}x^2 + 1\frac{4}{7}x^4y^4\right)$$

$$638) \left(1\frac{1}{8}m^2n - 2\frac{2}{3}m^4\right) - \left(1\frac{1}{8}mn^4 + 1\frac{5}{12}m^4 + 8\frac{9}{10}m^2n\right) - \left(2\frac{3}{13}mn^4 + 1\frac{2}{3}m^4 + 1\frac{5}{6}m^2n\right)$$

$$639) \left(4\frac{1}{2}x^3y - 1\frac{2}{11}y^4\right) - \left(\frac{1}{2}x^4y^4 - 3\frac{3}{14}x^3y^3 - 1\frac{1}{2}y^4\right) - \left(\frac{5}{9}x^3y^3 - 2x^2 - \frac{1}{2}x^4y^4\right)$$

$$640) \left(2\frac{12}{13}x + 2\frac{5}{6}x^3y^4\right) - \left(6\frac{1}{4}x + 3\frac{1}{6}x^3y^4 - 5x^4y^3\right) - \left(3\frac{2}{5}x + \frac{1}{3}x^3y^4 - 2x^4y^3\right)$$

$$641) \left(2m^4n + 6\frac{1}{2}mn^3\right) - \left(\frac{1}{8}m^4n - 2m^2n + 2\frac{8}{9}mn^3\right) - \left(1\frac{5}{7}m^2n + 5\frac{1}{12}m^4n + 2\frac{10}{11}mn^3\right)$$

$$642) \left(6\frac{10}{13}x^2y^3 + 7\frac{3}{14}x^3\right) - \left(\frac{2}{11}y^3 - 3\frac{12}{13}x^3 - 1\frac{11}{14}x^2y^3\right) - \left(7\frac{5}{13}x^3 - 2\frac{1}{6}y^3 - 2\frac{2}{5}x^2y^3\right)$$

$$643) \left(1\frac{4}{7}a^3b - 1\frac{11}{13}ab^2\right) - \left(2\frac{1}{14}a^3b + 5\frac{5}{6}a^4b + 7\frac{9}{10}a^3b^3\right) - \left(1\frac{3}{4}a^3b + 7\frac{7}{12}a^4b + 5\frac{9}{10}a^2b^4\right)$$

$$644) \left(\frac{2}{3}u + 1\frac{7}{9}v^3\right) - \left(\frac{1}{2}u + \frac{4}{11}v + 1\frac{1}{3}v^3\right) - \left(3\frac{2}{13}u^3v^2 + 6\frac{1}{2}u + v\right)$$

$$645) \left(\frac{2}{3} - 3\frac{1}{9}u^2v^2\right) - \left(2u^4v - 1\frac{8}{11}u^2v^2 - \frac{3}{10}uv\right) - \left(6\frac{3}{4}u^4v - 1\frac{1}{3} - 1\frac{4}{5}uv\right)$$

$$646) \left(1\frac{3}{4}xy^2 + 10\frac{2}{3}x^4y^3\right) - \left(1\frac{10}{11}xy^2 + 8x^4y^2 + 8x^3y^3\right) - \left(xy + \frac{8}{13}x^4y^3 - \frac{1}{6}x^3y^3\right)$$

$$647) \left(3\frac{8}{11}y^2 - 2x^3y^2\right) - \left(5\frac{1}{12}x + 1\frac{1}{2}x^3y^2 + \frac{1}{2}y^2\right) - \left(\frac{4}{7}y^2 + \frac{1}{6}x - 1\frac{7}{11}x^3y^2\right)$$

$$648) \left(\frac{1}{2}y^3 - 1\frac{6}{7}x^2y^3\right) - \left(\frac{11}{12}y^3 + \frac{1}{6}y + 2\frac{3}{10}x^2y^3\right) - \left(4\frac{1}{2}y^3 + 3\frac{3}{11}y + \frac{9}{13}x^2y^3\right)$$

$$649) \left(3\frac{1}{2}x^4y^2 + 1\frac{9}{10}x^4\right) - \left(2x^4 + 2x^4y^2 - 2\frac{5}{8}x^2y^3\right) - \left(\frac{1}{2}x^2y^3 + \frac{5}{7}x^4y^2 + 3\frac{3}{10}x^4\right)$$

$$650) \left( u^4 v^3 - 1 \frac{3}{10} u^2 v^2 \right) - \left( 5 \frac{3}{8} u^4 v^2 + 1 \frac{1}{6} u^2 v^2 + 4 \frac{2}{3} u^4 v^3 \right) - \left( 1 \frac{1}{2} u^4 v^3 + 2 \frac{1}{5} u^4 v^2 - \frac{1}{5} u^2 v^2 \right)$$

$$651) \left( \frac{3}{5} a^3 b - a \right) - \left( 8 a^3 b^4 + 1 \frac{1}{3} a^3 b - \frac{1}{6} a \right) - \left( 1 \frac{1}{6} a - \frac{5}{8} a^3 b + 7 \frac{2}{13} a^4 b \right)$$

$$652) \left( \frac{2}{3} - 1 \frac{5}{9} y^2 \right) - \left( 1 \frac{6}{7} - 1 \frac{1}{4} y^2 + \frac{9}{14} x^3 y^3 \right) - \left( \frac{1}{3} + 7 \frac{2}{11} x^4 y^2 + 4 \frac{5}{7} y^2 \right)$$

$$653) \left( 5 \frac{2}{3} y^3 - 1 \frac{1}{2} x^2 y \right) - \left( 1 \frac{1}{2} x^2 y - 1 \frac{1}{2} x y^4 + 1 \frac{11}{12} x^3 y^3 \right) - \left( 6 \frac{6}{7} x y^4 + \frac{2}{7} x^2 y - 1 \frac{1}{6} y^2 \right)$$

$$654) \left( 2 \frac{6}{7} m^4 n^4 + 6 \frac{5}{6} m^3 n^4 \right) - \left( 4 \frac{2}{7} m^3 n^4 - 1 \frac{1}{9} m n^3 - n^3 \right) - \left( 6 \frac{1}{9} m^4 n^4 + 1 \frac{2}{3} n^3 + 7 \frac{1}{4} m n^3 \right)$$

$$655) \left( 3 \frac{3}{14} a^3 b^4 + 1 \frac{5}{8} b^4 \right) - \left( a^2 b^4 - \frac{1}{5} a b^4 + 6 \frac{1}{3} b^4 \right) - \left( 1 \frac{1}{9} a b^4 - 2 a^2 b^4 + \frac{1}{2} a^3 b^4 \right)$$

$$656) \left( 6 \frac{2}{13} x y^2 + \frac{5}{12} x^4 y^4 \right) - \left( 7 \frac{5}{7} x y^3 - 3 \frac{5}{12} x^4 - 1 \frac{11}{14} x y^2 \right) - \left( 4 \frac{2}{5} x y^3 - 2 \frac{7}{9} x^3 + 2 \frac{2}{5} x y^2 \right)$$

$$657) \left( \frac{1}{4} u^2 v^4 + 1 \frac{7}{12} v^3 \right) - \left( 1 \frac{10}{11} u v^2 - \frac{1}{5} u^3 v^3 + 2 \frac{5}{6} v^3 \right) - \left( 1 \frac{1}{2} u^3 v^3 + \frac{1}{2} u^2 v^4 + 5 \frac{1}{10} u v^2 \right)$$

$$658) \left( \frac{12}{13} x^2 y^3 - \frac{1}{3} y^2 \right) - \left( 6 \frac{7}{12} y^2 - 1 \frac{1}{3} x^4 y^3 + 5 \frac{1}{2} x^2 y^3 \right) - \left( 5 \frac{2}{5} y^2 + 5 \frac{3}{11} x^3 + \frac{10}{11} x^2 y^3 \right)$$

$$659) \left( 11 x^4 y^4 + 3 \frac{1}{3} x y \right) - \left( x y + 4 \frac{4}{7} x^4 y^3 + \frac{4}{5} x^4 y^4 \right) - \left( 1 \frac{1}{3} x^4 y^4 + 9 x y + 6 \frac{4}{9} \right)$$

$$660) \left( \frac{3}{5} a + 6 \frac{1}{2} b^2 \right) - \left( 6 \frac{1}{10} a + 1 \frac{3}{5} a^3 b - 9 b^2 \right) - \left( 4 \frac{3}{4} b^2 - 2 a^3 b - 2 \frac{8}{11} a \right)$$

$$661) \left( 4 \frac{1}{2} x^3 y^4 - 1 \frac{5}{8} x^2 y^4 \right) - \left( \frac{2}{5} x^3 y^4 - \frac{2}{9} x^2 y^4 - \frac{1}{4} x \right) - \left( \frac{1}{8} x + \frac{2}{3} x^3 y^4 - \frac{2}{13} x^2 y^4 \right)$$

$$662) \left( 1 \frac{1}{2} b^4 + 4 \frac{2}{5} b \right) - \left( 10 \frac{1}{12} b + 1 \frac{1}{7} a b + 1 \frac{11}{13} b^4 \right) - \left( 2 \frac{1}{10} b + 6 \frac{2}{13} b^4 + 3 \frac{5}{12} a b \right)$$

$$663) \left(2\frac{2}{13}y^3 + x^2\right) - \left(2x^4 + 7\frac{5}{14}y^3 + 2\frac{4}{5}x^2\right) - \left(5x^2 + 2\frac{1}{10}x^3y + 2\frac{3}{5}y^3\right)$$

$$664) \left(4\frac{2}{9}x + \frac{1}{3}x^3y^4\right) - \left(4\frac{11}{12}x^3y^4 + 2\frac{3}{5}x^2 + \frac{1}{4}x^2y^4\right) - \left(6\frac{1}{10}x^3y^4 + 5\frac{13}{14}x^2y^4 + \frac{1}{8}x\right)$$

$$665) \left(13xy^2 - 1\frac{5}{9}xy^4\right) - \left(\frac{9}{14}x^4y + 5\frac{3}{5}xy^4 - 11xy^2\right) - \left(\frac{3}{5}xy^4 + 1\frac{1}{6}xy^2 - 1\frac{1}{12}x^4y\right)$$

$$666) \left(\frac{1}{6}uv^3 - 2u^4v\right) - \left(7\frac{10}{11}v - \frac{2}{3}uv^3 + 1\frac{1}{6}u^4v\right) - \left(2\frac{6}{7}v + 4\frac{1}{6}uv^3 - \frac{3}{4}u^3\right)$$

$$667) \left(1\frac{3}{11}x^4y^4 + 1\frac{2}{5}x\right) - \left(1\frac{4}{11}x^2y^4 - 2\frac{2}{7}x^3y^2 + xy^4\right) - \left(1\frac{1}{2}xy^4 + 10x^3y^2 + 1\frac{1}{6}x\right)$$

$$668) \left(6\frac{7}{12}m^2n^2 + 9mn^3\right) - \left(\frac{1}{14}m^2n^2 - 1\frac{1}{2}m^2n^4 - 1\frac{5}{6}m^3\right) - \left(1\frac{8}{11}m^2n^4 + \frac{5}{11}m^2n^2 + m^3\right)$$

$$669) \left(3\frac{4}{5} - 1\frac{3}{10}a^2b\right) - \left(7\frac{1}{3}b^4 + \frac{9}{13}a^2b + 1\frac{1}{2}\right) - \left(1\frac{5}{8}a^2b + \frac{11}{14} + 6\frac{3}{4}b^4\right)$$

$$670) \left(b^3 + 2\frac{1}{2}b\right) - \left(\frac{6}{11}a^4b + \frac{8}{13}b^3 + 1\frac{1}{9}a^4b^2\right) - \left(3\frac{1}{11}b - 2\frac{9}{14}a^4b + 1\frac{5}{13}ab^2\right)$$

$$671) \left(3\frac{11}{13}y + 1\frac{4}{7}y^3\right) - \left(\frac{5}{14}y + 4\frac{7}{13}y^4 + 13x^2y^4\right) - \left(\frac{3}{4}y^4 + 2y^3 + 4\frac{9}{13}y\right)$$

$$672) \left(3\frac{1}{14}m^3 - 1\frac{1}{4}m^3n^2\right) - \left(1\frac{6}{7}m^3 + \frac{8}{9}m^3n^2 - 1\frac{8}{9}m^4n^4\right) - (5m^3 - 9m^4n^4 - 2m^3n^2)$$

$$673) \left(1\frac{13}{14}x^4y^3 + 4\frac{1}{4}x^4y^2\right) - \left(1\frac{5}{6}x^4y^3 - 1\frac{2}{5}x - 1\frac{1}{7}x^4y^2\right) - \left(4\frac{1}{3}x^4y^3 + 1\frac{1}{3}x + 10x^4y^2\right)$$

$$674) \left(1\frac{2}{5}y^3 + 1\frac{1}{2}x^4y^3\right) - \left(\frac{2}{11}x^3y^3 - 1\frac{11}{13}y^3 - 1\frac{6}{11}x^4y^3\right) - \left(\frac{1}{4}x^4y^3 + 7x^3y^3 + 1\frac{2}{3}y^3\right)$$

$$675) \left(1\frac{1}{3}y^2 - 1\frac{11}{13}x^4y^2\right) - \left(4\frac{3}{10}x^4y^2 - \frac{1}{8}y^2 + 1\frac{2}{3}x^3\right) - \left(1\frac{2}{11}y^2 - \frac{6}{7}x^4y - \frac{2}{13}x^4y^2\right)$$

$$676) \left(1\frac{11}{12}xy + \frac{1}{3}y\right) - \left(\frac{3}{8}x^4y^4 - 1\frac{5}{6}y + 1\frac{13}{14}xy\right) - \left(xy + \frac{4}{11}y - 1\frac{1}{5}x^4y^2\right)$$

$$677) \left(7\frac{7}{8}x^2y^3 + 1\frac{1}{5}x^2\right) - \left(7\frac{1}{3}x^3y^4 + \frac{6}{13}x^4y^4 + \frac{2}{3}x^4y^2\right) - \left(7\frac{5}{6}x^4y^2 + 1\frac{1}{8}x^3y^4 + 2\frac{9}{10}x^2\right)$$

$$678) \left(\frac{1}{2}u^3v^3 + 6\frac{1}{5}u^2\right) - \left(6\frac{1}{10}u^3v - 1\frac{8}{13}u - 1\frac{7}{10}u^3v^3\right) - \left(10u^3v - u^3v^3 + 3\frac{7}{12}u^2\right)$$

$$679) \left(5m + 5\frac{12}{13}m^2\right) - \left(6\frac{12}{13}n^3 + 6\frac{11}{13}m + 3\frac{2}{9}m^2\right) - \left(1\frac{1}{3}n^3 + \frac{1}{3}m^2n^4 + 4\frac{1}{14}m^2\right)$$

$$680) \left(2x^3y^4 + 4\frac{1}{10}y^3\right) - \left(4\frac{4}{7}x^3y^4 + 2x^2y^3 + 1\frac{4}{9}x^4\right) - \left(1\frac{2}{3}y^3 - 2x^4 - 2\frac{2}{9}x^3y^4\right)$$

$$681) \left(2\frac{1}{4}x^3y^2 - 13x^3y^4\right) - \left(1\frac{1}{2}x^3y^2 - \frac{1}{9}x^3y^4 - 1\frac{7}{11}y^4\right) - \left(7\frac{1}{7}x^3y^2 - 1\frac{7}{8}y^4 + \frac{2}{5}x^3y^4\right)$$

$$682) \left(5\frac{1}{4}a^2 - \frac{1}{3}a^3b\right) - \left(\frac{5}{11}a^3b + \frac{2}{11}a^2 + 1\frac{3}{4}\right) - \left(3\frac{3}{5}a^2 + 2\frac{1}{12}ab^2 + a^3b\right)$$

$$683) \left(\frac{4}{9}x^3y + \frac{1}{9}x^3y^2\right) - \left(1\frac{5}{8}x^3y^2 + \frac{11}{13}x^3y + \frac{6}{7}x^2y^4\right) - \left(1\frac{1}{10}x^2y^4 - 1\frac{5}{6}x^3y^2 + 4\frac{1}{6}x^3y\right)$$

$$684) \left(6\frac{2}{9}xy^2 + \frac{1}{4}xy^4\right) - \left(1\frac{1}{14}xy^2 - 8\frac{1}{5}x^4y^3 + \frac{1}{5}xy^4\right) - \left(7\frac{2}{11}xy^2 + 7\frac{1}{10}x^4y^3 + 1\frac{5}{8}xy^4\right)$$

$$685) \left(1\frac{1}{7}a^2b - 1\frac{1}{4}a^4b^4\right) - \left(1\frac{4}{13} + \frac{1}{7}a^2b + 6\frac{5}{14}a^4b^4\right) - \left(6\frac{1}{2}a^4b^4 + \frac{3}{10} + \frac{4}{13}a^2b\right)$$

$$686) \left(6\frac{1}{4}x^4y^2 - 2y^2\right) - \left(2x^2 - \frac{1}{5}x^3y^3 + 1\frac{1}{6}xy^3\right) - \left(1\frac{2}{7}x^3y^3 - \frac{7}{8}xy^3 - \frac{1}{3}x^2\right)$$

$$687) \left(\frac{1}{2}xy + 1\frac{9}{13}x^3y^2\right) - \left(\frac{1}{7}x^3y^2 + 4\frac{1}{4}xy - 1\frac{1}{2}y^3\right) - \left(\frac{1}{2}y^3 + 3\frac{1}{12}x^3y^2 + \frac{10}{11}xy\right)$$

$$688) \left(2y^3 + \frac{5}{12}x^2y^2\right) - \left(\frac{7}{10}x^2y + 3\frac{5}{9}x^2y^2 + 11x^2\right) - \left(1\frac{1}{10}y^3 - 9\frac{3}{13}x^2 + 1\frac{5}{6}x^2y^2\right)$$

$$689) \left( 3\frac{2}{5}n^4 + 3\frac{5}{11}mn^4 \right) - \left( 2\frac{11}{12}mn^4 + 1\frac{6}{7}mn^2 + 1\frac{4}{13}m^2 \right) - \left( \frac{3}{4}mn^2 + 6\frac{3}{4}mn^4 + \frac{1}{7}m^2 \right)$$

$$690) \left( 4\frac{1}{6}v + 7\frac{5}{6}v^3 \right) - \left( \frac{7}{8}v^3 - 3v - 1\frac{1}{7}u^3v \right) - \left( \frac{1}{9}u^4 - \frac{3}{5}v^3 + 3\frac{1}{2}u^3v \right)$$

$$691) \left( 6\frac{2}{11}uv + 1\frac{1}{14}uv^3 \right) - \left( 1\frac{7}{12}u^3v + 6\frac{3}{10}u^2v + 4\frac{9}{14}u \right) - \left( 1\frac{6}{13}uv^3 + 1\frac{7}{10}u^3v + 7\frac{7}{10}uv \right)$$

$$692) \left( 4\frac{3}{4}a^3 - 2b^4 \right) - \left( 6\frac{8}{13}b^4 - 1\frac{1}{2}ab - 1\frac{9}{11}a^3 \right) - \left( 2a^3 + 2\frac{1}{3}b^4 + 8\frac{3}{14}ab \right)$$

$$693) \left( \frac{7}{12}xy + y^4 \right) - \left( 7\frac{9}{14}xy + 6xy^3 + 1\frac{3}{4}y^4 \right) - \left( 4\frac{2}{3}xy^3 + 4\frac{2}{3}xy - \frac{3}{4}y^4 \right)$$

$$694) \left( 1\frac{2}{5}y^3 - 13\frac{8}{13}x^4 \right) - \left( 2y^3 + 1\frac{9}{13}x^4 + 7\frac{3}{10}y^2 \right) - \left( \frac{1}{10}y^2 - \frac{9}{10}x^4 - 3\frac{2}{3}y^3 \right)$$

$$695) \left( 1\frac{1}{3}xy^3 + 5\frac{1}{3}y^3 \right) - \left( 2\frac{2}{3}x^3 - 2\frac{3}{4}x^4y^4 + 2\frac{3}{14}y^3 \right) - \left( 2\frac{1}{4}x^3y + 1\frac{7}{10}xy^3 + 7\frac{1}{8}y^3 \right)$$

$$696) \left( 4m^4n^2 - 1\frac{2}{7}n^3 \right) - \left( 1\frac{1}{2}m^4 - 1\frac{3}{5}n^3 + 7\frac{6}{11}m^4n^2 \right) - \left( 1\frac{1}{8}m^4 + 5n^3 - 7\frac{1}{2}m^4n^4 \right)$$

$$697) \left( 7\frac{8}{9}m^2n^3 - 1\frac{4}{9}mn \right) - \left( 1\frac{1}{11}m^2n^3 + \frac{2}{5}m^4n^4 + 1\frac{11}{12}mn \right) - \left( 2\frac{1}{2}mn + 6\frac{5}{6}m^2n^3 + 9m^4n^4 \right)$$

$$698) \left( 6\frac{11}{12}x^4y^3 + 2\frac{1}{6}x^3y \right) - \left( 3 + 2x^4y^3 + 3\frac{1}{7}x^4 \right) - \left( \frac{2}{3} + 2\frac{8}{11}x^3y + \frac{4}{5}x^4 \right)$$

$$699) \left( 6\frac{2}{9}u^3v^3 - 1\frac{1}{2} \right) - \left( 1\frac{1}{4}u^3v + 1\frac{8}{13}u^4v^2 - 1\frac{1}{2} \right) - \left( 1\frac{1}{4}u^3v^3 + 6\frac{3}{4}u^4v^2 - 3\frac{2}{3}u^3v \right)$$

$$700) \left( 2mn^2 + \frac{3}{7}n \right) - \left( 7\frac{1}{8}m^2n^2 + 6\frac{1}{2}n + 5\frac{4}{7}mn^2 \right) - \left( \frac{1}{6}m^2n^3 - 2mn^2 + 7\frac{5}{12}n \right)$$

$$701) \left( \frac{3}{14}y^2 + 1\frac{1}{6}x^4y^4 \right) - \left( \frac{7}{8}y^2 + 1\frac{9}{13}x^2 + 9\frac{2}{5}x^4y^4 \right) + \left( 1\frac{1}{10}x^2 + 1\frac{5}{9}x^4y^4 + 3\frac{8}{11}y^2 \right)$$

$$702) \left( 3\frac{3}{10}u^3v^2 + \frac{10}{19}uv^2 \right) - \left( \frac{2}{7}u^2v^4 - 1\frac{3}{8}uv^2 + 5\frac{5}{12}u^3v^2 \right) - \left( 1\frac{2}{11}u^2v^4 + 3\frac{4}{11}u^3v^2 + 19uv^2 \right)$$

$$703) \left( 10\frac{5}{6}a^2b^2 - b^4 \right) + \left( 15a^2b^2 + 1\frac{9}{13}a^2b - 1\frac{2}{3}b^4 \right) + \left( \frac{1}{4}b^4 + 1\frac{3}{13}a^2b + 5\frac{1}{5}a^2b^2 \right)$$

$$704) \left( 1\frac{15}{16}x^3y^3 + 1\frac{7}{12}x^3y^4 \right) + \left( \frac{3}{4}x^3y^3 - x^3y^4 + 4\frac{9}{10}x \right) + \left( 1\frac{11}{13}x^3y^3 + 9\frac{3}{4}x + 6\frac{7}{16}x^3y^4 \right)$$

$$705) \left( 5\frac{5}{8}y^4 - 1\frac{8}{11}xy^3 \right) + \left( 6\frac{1}{5}y^4 + \frac{1}{2}xy^3 + \frac{4}{7}x^4y \right) - \left( 8\frac{12}{19} + \frac{8}{19}y^4 + 8\frac{2}{19}x^4y \right)$$

$$706) \left( 18x^4y^2 + 8\frac{1}{13}x^2y^2 \right) - \left( 10x^2y^2 - 2\frac{1}{8}x - x^3y \right) - \left( 8\frac{2}{15}x^4y^2 - 2\frac{1}{6}x - 1\frac{1}{11}x^2y^2 \right)$$

$$707) \left( 7\frac{9}{19}n^3 - 10mn^4 \right) + \left( 8\frac{1}{6}mn^4 - 1\frac{1}{2}n + 5\frac{1}{2}n^3 \right) - \left( 6\frac{7}{12}n^3 - 1\frac{2}{15}n + 1\frac{1}{6}n^2 \right)$$

$$708) \left( 15x^4y^4 + 20\frac{1}{4}xy \right) + \left( \frac{17}{18}xy^3 - 1\frac{1}{2} - 1\frac{4}{9}x^4y^4 \right) + \left( 1\frac{1}{11} + 4\frac{1}{6}xy + 3\frac{3}{16}xy^3 \right)$$

$$709) \left( 10ab^4 - 1\frac{5}{18}a^3b \right) - \left( 4\frac{6}{7}a^4b + \frac{7}{10}a^3b - \frac{9}{14}a^3b^3 \right) - \left( 20a^4b + \frac{11}{17}a^4 + 10\frac{5}{6}ab^4 \right)$$

$$710) \left( 2\frac{7}{8}x^4y^2 + 2\frac{4}{5}x^2y^4 \right) + \left( 6\frac{1}{12}x^2y^3 + 2\frac{1}{4}x^2y^4 + 6\frac{5}{6}y \right) + \left( 2x^2y^4 - \frac{12}{13}x^4y^2 + 12x^2y^3 \right)$$

$$711) \left( 9\frac{9}{11}a^4b^4 - \frac{4}{19}a \right) + \left( 3\frac{4}{15}a^2b^3 + 3\frac{1}{2}a^4b^4 - 2\frac{3}{17}a \right) - \left( 8\frac{7}{20}b^4 + 1\frac{3}{4}a^2b^3 - \frac{6}{7}a^4b \right)$$

$$712) \left( 5\frac{1}{3}x^4y^4 - xy^4 \right) + \left( 5xy - \frac{2}{7}x^4y^4 - 2xy^4 \right) - \left( 1\frac{3}{8}xy^4 + \frac{4}{7}x^3y^2 + 10\frac{3}{10}x^4y^4 \right)$$

$$713) \left( 1\frac{1}{2}n - 3\frac{5}{6}m^3n^2 \right) + \left( \frac{2}{3}n + 7\frac{4}{5}m^3n^2 + 1\frac{1}{4} \right) - \left( \frac{1}{6} + 3\frac{5}{14}n - 1\frac{5}{8}m^3n^2 \right)$$

$$714) \left( 3\frac{4}{17}y^3 + 5\frac{2}{3}x^2y^3 \right) - \left( 3\frac{1}{3}x^2y^3 + 1\frac{1}{4}y^3 - 1\frac{6}{19}xy^3 \right) + \left( y^3 + 1\frac{2}{5}x^2y^3 + 1\frac{11}{20}xy^3 \right)$$

$$715) \left( 8\frac{5}{13}x^3y^3 + \frac{15}{16}xy^3 \right) + \left( 10\frac{7}{20}x^3y^3 + \frac{4}{5}xy^4 + 1\frac{6}{19}xy^3 \right) - \left( \frac{14}{15}x^3y^3 + 10\frac{9}{14}xy^4 - 1\frac{14}{15}xy^3 \right)$$

$$716) \left( 1\frac{6}{11}u + \frac{10}{13} \right) + \left( 1\frac{11}{17}u^4v^3 + 1 + 1\frac{1}{4}u^4v^2 \right) - \left( 4\frac{2}{3} + 2u^4v^2 - \frac{4}{5}u \right)$$

$$717) \left( \frac{1}{4}m^3n^3 + \frac{2}{3}m^4n^2 \right) + \left( 6\frac{3}{10}m^4n^2 - 2\frac{8}{13}m^2n^3 + 6\frac{9}{17}m^3n^4 \right) - \left( 3\frac{8}{15}m^4n^2 + 5m^3n^4 + 9\frac{15}{19}m^3n^3 \right)$$

$$718) \left( 14x^3y^3 + 1\frac{1}{20}x^3y^2 \right) + \left( \frac{9}{17}x^3y^2 + 1\frac{10}{17}x^3y^3 + 1\frac{1}{2}x^4y^2 \right) + \left( 9\frac{2}{19}x^3y^4 - 1\frac{5}{18}x^4y^2 + 7\frac{2}{3}x^3y^2 \right)$$

$$719) \left( 1\frac{2}{19}u^2 + 9\frac{1}{6}u^2v^4 \right) - \left( 9\frac{1}{12}u^3 - 1\frac{1}{3}uv^2 + 3\frac{1}{10}u^2v^4 \right) + \left( 3\frac{7}{19}uv^2 - 2\frac{17}{20}u^2v^4 - \frac{2}{7}u^2 \right)$$

$$720) \left( 2\frac{1}{9}x^4y^2 - 2xy^3 \right) + \left( 1\frac{1}{2}x^4y^2 - 1\frac{8}{19}x^2y^2 + \frac{11}{18}x^2 \right) - \left( 1\frac{2}{3}xy^3 + 4\frac{2}{5}x^2 + 8x^2y^2 \right)$$

$$721) \left( \frac{1}{6}y^2 + 1\frac{1}{3}x^3 \right) - \left( 9\frac{11}{12}x^3 + \frac{1}{4}xy + 2\frac{8}{19}y^2 \right) - \left( 1\frac{3}{8}x^3 - \frac{3}{5}xy - 1\frac{9}{17}x \right)$$

$$722) \left( \frac{5}{6}x^2y^3 + 1\frac{2}{5}y \right) - \left( \frac{1}{10}x^4y^3 + 10\frac{1}{8}x^2y^3 + 5\frac{4}{9}x^4y \right) - \left( x^2y^3 + \frac{4}{5}x^4y + 2y \right)$$

$$723) \left( \frac{1}{6}a^2b + 3\frac{1}{6}b^2 \right) + \left( 1\frac{7}{17}a^2 + 1\frac{6}{7}a^3b^4 + 2b^2 \right) - \left( 7\frac{4}{5}a^2 + 1\frac{15}{19}a^3b^4 - 1\frac{5}{14}b^2 \right)$$

$$724) \left( 1\frac{1}{3}xy - 1\frac{7}{16} \right) - \left( 4\frac{1}{2} + 8\frac{7}{16}x^3 + 6\frac{8}{11}xy \right) + \left( \frac{1}{13}x^3 - 2\frac{5}{14}xy - 3\frac{7}{20} \right)$$

$$725) \left( 10\frac{5}{14}x^2y + 8\frac{15}{16}x^4y^2 \right) + \left( 2x^2y + \frac{5}{6}y^2 + \frac{1}{6}x^4y^2 \right) + \left( 11\frac{7}{13}x^4y^2 - \frac{2}{5}y^2 + 1\frac{10}{17}x^2y \right)$$

$$726) \left( 4\frac{9}{10}uv - 2u^2v^3 \right) + \left( 9\frac{1}{4}uv - 2u^2v^3 - 2\frac{9}{13}u^4v^2 \right) - \left( 6\frac{5}{12}uv + 6\frac{9}{13}u^4v^2 + 2\frac{9}{16}u^2v^3 \right)$$

$$727) \left( \frac{1}{2}x^4y^2 - 1\frac{3}{5}x \right) + \left( 4\frac{13}{18}xy^2 - 2\frac{16}{19}x^4y^2 + \frac{7}{10}x \right) + \left( 1\frac{8}{9}x^4y^2 - 1\frac{8}{9}x + 8\frac{11}{12}xy^2 \right)$$



$$728) \left( \frac{13}{20}m^2n^2 + 10\frac{1}{4}m^4n^2 \right) + \left( 1\frac{4}{9}m^2n^4 + 10\frac{1}{4}n^3 - \frac{11}{13}m^2 \right) - \left( 1\frac{11}{20}m^2n^2 + \frac{1}{9}n^3 + 9\frac{2}{5}m^2n^4 \right)$$

$$729) \left( 5x^2y^3 + 4\frac{1}{3}x^2y \right) - \left( \frac{1}{2} - 8x^3y^3 - 2\frac{1}{4}x^2y \right) + \left( 6\frac{7}{8}x^2y - \frac{2}{5}x^2y^3 + 10\frac{13}{20}x^3y^3 \right)$$

$$730) \left( 10\frac{11}{18}y^3 - 1\frac{9}{11}y \right) - \left( \frac{1}{2}x^3y^3 + 5\frac{16}{17}x^2y + \frac{10}{13}y^3 \right) + \left( 1\frac{5}{13}y^3 - 1\frac{4}{7}y + 9\frac{11}{20}x^2y \right)$$

$$731) \left( 6\frac{5}{12}u^2v^4 - 17uv \right) + \left( 1\frac{17}{18}u^2v^4 - 2uv^2 - 1\frac{5}{6}u^4v^4 \right) - \left( 1\frac{11}{12}u^2v^4 + \frac{1}{2}u^4v^4 + 2\frac{5}{6}uv \right)$$

$$732) \left( 1\frac{3}{4}xy^2 - 1\frac{2}{15}x^2y^2 \right) - \left( 14\frac{1}{4}y^2 + \frac{9}{13}x^2 - 1\frac{1}{2}x^2y^2 \right) + \left( 1\frac{3}{14}xy^2 + 6\frac{5}{13}y^4 + 2\frac{1}{12}x^2 \right)$$

$$733) \left( 1\frac{17}{18}a^3b + 1\frac{9}{17}a^4b^3 \right) + \left( 9\frac{5}{9}b^3 + 8a^4b^3 + 8\frac{3}{4}a^3b \right) + \left( 3a^4b^3 + \frac{5}{7}b^3 + 2a^3b \right)$$

$$734) \left( 6\frac{1}{2}x^2y^4 - 1\frac{13}{16}xy^4 \right) - \left( \frac{10}{13}xy^4 - 2\frac{8}{11}y^3 + x^2y^4 \right) - \left( \frac{3}{8}xy^4 + 1\frac{2}{11}x^2y^4 + 9\frac{7}{8}y^3 \right)$$

$$735) \left( \frac{9}{20}m^4 - 2\frac{2}{15}m^4n^3 \right) + \left( 7\frac{2}{15}m^4n^4 - 1\frac{12}{13}n^2 - 1\frac{8}{15}m^4 \right) + \left( 1\frac{10}{13}n^2 - \frac{3}{20}m^4n^4 + 5\frac{19}{20}m^4 \right)$$

$$736) \left( 12a^3b^4 - 1\frac{2}{11}a^2b^3 \right) - \left( 1\frac{12}{17}b^4 - 2a^3b^4 - 3\frac{14}{15}a^2b^3 \right) - \left( 1\frac{13}{15}a^3b^4 + 1\frac{6}{7}b^4 - 1\frac{4}{11}a^2b^3 \right)$$

$$737) \left( 3\frac{2}{5}y^4 + \frac{3}{7}x^4 \right) + \left( 9\frac{7}{12}x^3y^3 + 1\frac{1}{17}x^4 + 2\frac{6}{7}y^4 \right) - \left( 15x^4 - 3\frac{7}{18}x^3y^3 + 9\frac{1}{5}y^4 \right)$$

$$738) \left( 1\frac{1}{4}x^2y^3 - 1\frac{7}{15}x^4 \right) + \left( 1\frac{16}{19}x - 1\frac{11}{12}x^2y^3 + \frac{7}{17}x^4 \right) + \left( 10\frac{7}{10}x + \frac{2}{7} - 1\frac{18}{19}x^2y^3 \right)$$

$$739) \left( 2\frac{17}{18}x^4y^2 - 1\frac{7}{9}x^3y^3 \right) - \left( 1\frac{5}{9}y^4 + 5\frac{5}{14}x^4y^2 + 1\frac{5}{14}y \right) - \left( \frac{3}{17}y^4 + 2\frac{5}{7}x^3y^3 + \frac{1}{3}x \right)$$

$$740) \left( \frac{1}{3}xy^4 + 1\frac{10}{17}x^2y^3 \right) - \left( 10\frac{9}{14}x^2y^3 - 17x^3y - \frac{5}{6}xy^4 \right) + \left( 5\frac{2}{11}x^3y + \frac{1}{14}x^2y^3 + \frac{9}{13}xy^4 \right)$$

$$741) \left( u^3 v^4 - 2 \frac{1}{15} u^4 v \right) + \left( \frac{10}{13} u^3 v^4 + 1 \frac{7}{15} - 1 \frac{7}{15} u^3 v \right) + \left( 1 \frac{4}{5} u^3 v^4 + 1 \frac{1}{2} + 3 u^3 v \right)$$

$$742) \left( \frac{8}{9} m^4 n^4 + 2 m^2 \right) - \left( 1 \frac{1}{8} m^4 n^4 + 3 \frac{13}{15} m^2 + 1 \frac{5}{9} n^2 \right) - \left( \frac{1}{2} n^2 + \frac{7}{9} m^2 n^3 - 1 \frac{1}{8} m^4 n^4 \right)$$

$$743) \left( \frac{7}{16} a - 1 \frac{1}{4} b^2 \right) + \left( 5 \frac{9}{14} b^2 + 5 \frac{1}{16} a + 20 a^2 b \right) - \left( \frac{8}{11} b^2 - 1 \frac{4}{7} a^2 b - \frac{1}{3} a \right)$$

$$744) \left( 1 \frac{1}{6} y^4 - 2 \frac{15}{19} x^2 y^2 \right) - \left( 7 \frac{1}{8} x^3 y^3 + 1 \frac{2}{17} y^4 - 3 \frac{3}{13} x \right) - \left( 1 \frac{7}{20} x^3 - \frac{2}{3} x + \frac{5}{11} y^4 \right)$$

$$745) (13x^4 y^4 + x^2 y^3) - \left( 1 \frac{2}{5} x^3 y + \frac{5}{6} x y^4 - 1 \frac{1}{12} x^4 y^4 \right) + \left( 1 \frac{1}{12} x^2 y^3 + 7 \frac{3}{20} x^4 y^3 - \frac{13}{16} x^3 y \right)$$

$$746) \left( 9 \frac{5}{6} x^2 - 1 \frac{3}{11} x^3 y \right) - \left( 6 \frac{5}{7} x^4 y^3 + \frac{6}{11} x^2 + \frac{7}{8} x^3 y \right) + \left( 5 \frac{3}{10} x^3 y - 1 \frac{15}{16} x^4 y^3 - 1 \frac{5}{7} x^2 \right)$$

$$747) \left( \frac{2}{7} a^3 b^2 + 1 \frac{1}{2} a \right) + \left( 7 \frac{1}{4} a^2 b - 2 \frac{2}{11} a + 7 \frac{16}{19} a^3 b \right) + \left( 1 \frac{2}{5} a^3 b^2 + \frac{11}{16} a + 9 \frac{3}{4} a^2 b \right)$$

$$748) \left( 9 \frac{10}{11} m^2 n - 20 m n^2 \right) + \left( 2 n^2 - \frac{5}{6} m n^2 + m^2 n \right) - \left( 4 \frac{4}{9} m^2 n - 2 \frac{11}{14} n^2 - 1 \frac{3}{10} m n^2 \right)$$

$$749) \left( 5 \frac{1}{2} x y - 13 x^3 y^2 \right) - \left( x^3 y^2 + 5 \frac{9}{14} x^2 y^4 + \frac{2}{7} x y \right) - \left( 8 \frac{2}{5} x^3 y^2 + x^2 y^4 - x y \right)$$

$$750) \left( 3 \frac{1}{4} x^4 y^2 + 11 x^2 y^4 \right) + \left( 1 \frac{7}{9} x^3 y^3 + 1 \frac{13}{17} x^2 + 6 \frac{7}{9} x^4 y^2 \right) - \left( 1 \frac{1}{12} x^2 y^4 + \frac{8}{13} x^2 - 1 \frac{2}{3} x^4 y^2 \right)$$

$$751) \left( 1 \frac{3}{14} y + 2 x y \right) + \left( 1 \frac{3}{11} y^2 - 1 \frac{3}{4} y - \frac{6}{13} x y \right) + \left( \frac{1}{3} y - y^2 - 5 x y^2 \right)$$

$$752) \left( 4 \frac{3}{13} b^2 + 7 \frac{9}{10} \right) - \left( 10 \frac{3}{4} - \frac{11}{18} b^2 + \frac{7}{10} a^3 b^4 \right) + \left( 1 \frac{5}{19} a^3 b^4 + 4 \frac{3}{7} b^2 + \frac{2}{9} b \right)$$

$$753) \left( 1 \frac{1}{3} x^3 y^3 + \frac{3}{14} x^3 y^4 \right) - \left( \frac{10}{11} x^3 y^2 - \frac{3}{7} x^3 y^4 + 6 x^3 y^3 \right) - \left( \frac{1}{2} y^2 + 1 \frac{7}{13} x^3 y^3 + 13 x^3 y^4 \right)$$

$$754) \left( \frac{3}{5}u^2v - 1\frac{3}{5}u^3v^4 \right) + \left( 7\frac{3}{5}u + 6\frac{3}{4}uv + 8\frac{7}{15}u^3v^4 \right) + \left( 6\frac{7}{10}uv + 1\frac{4}{5}u^3v^4 + 6\frac{12}{17}u^2v \right)$$

$$755) \left( 1\frac{4}{7} - 9a^4b^4 \right) + \left( 5\frac{9}{20} + 10\frac{9}{16}a^4b^3 - 1\frac{1}{6}a^4b^4 \right) - \left( 2\frac{7}{9} + 7\frac{15}{17}a^4b^4 + \frac{1}{2}a^4b^3 \right)$$

$$756) \left( \frac{11}{19}x + 10\frac{5}{7}x^4y^2 \right) - \left( 6\frac{1}{2}x^4y^2 + \frac{9}{14}x - 1\frac{6}{7}x^2y^3 \right) - \left( \frac{6}{7}x^2y^3 - \frac{5}{14}x^4y^2 - \frac{13}{18}x \right)$$

$$757) \left( 1\frac{2}{3}y^3 + 2\frac{3}{8}xy^4 \right) - \left( 1\frac{1}{16}y^3 + 1\frac{11}{12}xy^4 + \frac{2}{3}x^2y^3 \right) + \left( 7\frac{1}{3}x^2y^3 - 2\frac{13}{20}y^3 + 6\frac{7}{10}xy^4 \right)$$

$$758) \left( 7\frac{3}{14}x^2y^4 - 1\frac{5}{16}x^3 \right) - \left( 1\frac{5}{6}x^3 + \frac{1}{3}x^2y^4 + 10\frac{3}{20}y \right) - \left( \frac{3}{10}x^3 + 1\frac{7}{9}x^2y^4 - \frac{1}{4}y \right)$$

$$759) \left( 4\frac{1}{19}x^2y^2 + \frac{5}{6}xy^3 \right) - \left( 7\frac{13}{15}y^3 - \frac{1}{4}x^2y^2 + 3\frac{7}{15}xy^2 \right) + \left( \frac{5}{12}x^2y^3 + 2x^2y^2 + 7\frac{3}{16}xy^2 \right)$$

$$760) \left( 1\frac{5}{17}u^3v^4 + 9\frac{1}{2}v^3 \right) + \left( 1\frac{1}{2}v^3 - 1\frac{7}{8}u^3v^4 - \frac{2}{3}u^4v^3 \right) + \left( 3\frac{3}{4}u^3v^4 + 5\frac{1}{3}v^3 + 4\frac{5}{11}u^4v^3 \right)$$

$$761) \left( 9\frac{4}{9}x + 10\frac{3}{4}x^3y \right) - \left( \frac{4}{13}x + 1\frac{1}{2}x^3y + 1\frac{1}{13}x^4 \right) + \left( \frac{6}{11}x^4 - \frac{12}{17}x^3y - 1\frac{1}{2}x \right)$$

$$762) \left( 9\frac{3}{4}x^3y + 8\frac{1}{5}x^2 \right) + \left( \frac{19}{20}x^3y + 10\frac{2}{7}x^2 - 1\frac{9}{10}y \right) + \left( 1\frac{4}{9}y + 3\frac{1}{12}x^3y + 2x^2 \right)$$

$$763) \left( 1\frac{3}{4}xy - 2x^4y^2 \right) - \left( 2\frac{1}{8}x^3 + 10\frac{13}{18}y^4 + 8\frac{7}{19}xy \right) + \left( \frac{1}{4}x^3 - 3\frac{3}{17}x^4y^4 - 1\frac{15}{16}xy \right)$$

$$764) \left( \frac{7}{19}xy^3 + \frac{7}{10}x^3y^2 \right) + \left( 3\frac{1}{5}x^4y^3 - 2xy^3 + 7\frac{6}{11}x^3y^2 \right) + \left( \frac{7}{13}xy^3 + 1\frac{1}{4}x^3y^2 + 10\frac{1}{6}x^4y^3 \right)$$

$$765) \left( 5\frac{5}{6}mn^3 - 2\frac{5}{14}m^3n^2 \right) - \left( 1\frac{1}{4}m^3n^2 + 9\frac{9}{10}mn^3 + 5\frac{2}{15}m^3n^4 \right) + \left( \frac{1}{6}m^3n^4 + 8\frac{1}{4}m^3n^2 + 9\frac{3}{7}m^4n^4 \right)$$

$$766) \left( \frac{8}{9} + 1\frac{16}{19}x^4y \right) + \left( 9x^4y + 1\frac{5}{8} + 9\frac{4}{9}x^3y^2 \right) + \left( 1\frac{5}{19}x^3y^2 + 2\frac{1}{12}x^3y + \frac{8}{13}y \right)$$

$$767) \left(1\frac{2}{3}b^2 - \frac{5}{18}a^2b\right) + \left(2\frac{1}{12}a^2 + 12a^2b + 10\frac{9}{10}b^2\right) + \left(\frac{1}{3}a^2 + \frac{1}{4}b^2 + \frac{2}{3}a^2b\right)$$

$$768) \left(1\frac{5}{6}u^4v + 6\frac{1}{10}u^2v\right) - \left(3\frac{1}{19}u^2v + 7\frac{12}{17}u^3v^4 + 1\frac{9}{17}u^4v\right) - \left(2\frac{5}{9}u^3 + 10\frac{3}{5}u^2v - 2\frac{1}{10}uv\right)$$

$$769) \left(8\frac{11}{14}mn^3 + 1\frac{2}{3}m\right) - \left(1\frac{5}{7}mn^3 - 1\frac{1}{4}m^3n^4 - m\right) - \left(1\frac{1}{15}m + 1\frac{9}{10}m^2n^3 - 1\frac{3}{5}mn^3\right)$$

$$770) \left(9\frac{7}{10}x^3 + 1\frac{5}{8}x^2\right) + \left(\frac{5}{12}x^3 - 2\frac{5}{6}x^2y^2 + 2\frac{7}{11}x^2\right) - \left(1\frac{17}{18}x^3 - 2x^2y^2 - 1\frac{4}{5}x^2\right)$$

$$771) \left(4\frac{1}{13}x^2y + 4\frac{1}{2}x\right) - \left(\frac{1}{3}x^2y + 1\frac{3}{4}xy^3 + 2\frac{2}{3}x\right) - \left(1\frac{1}{2}x + 15xy^3 + 1\frac{15}{17}x^2y\right)$$

$$772) \left(13\frac{1}{17}m^4n^2 - 2\frac{5}{12}m^3n^3\right) - \left(1\frac{1}{3}m^4n^2 + 3\frac{13}{18}m^3n^3 + 5\frac{1}{10}mn^2\right) + \left(\frac{3}{7}mn + 6\frac{11}{16}mn^2 - \frac{1}{2}m^3n^3\right)$$

$$773) \left(5\frac{9}{17}u^3v^4 + 1\frac{13}{14}u^2v^2\right) - \left(2u^3v^4 - 1\frac{13}{14}u^2v^2 + \frac{4}{9}u\right) + \left(\frac{7}{8}u^3v^4 + 1\frac{4}{5}u - 13u^2v^2\right)$$

$$774) \left(1\frac{1}{2}m^3n^2 + 3\frac{11}{12}mn^2\right) - \left(1\frac{1}{7}n^2 + 5\frac{1}{10}m^3n^2 + mn^2\right) + \left(7\frac{1}{10}n^2 + 8\frac{5}{6}mn^2 - 1\frac{8}{9}m^3n^2\right)$$

$$775) \left(1\frac{1}{2}uv^4 + 4\frac{1}{8}u^2\right) - \left(\frac{16}{17}v^3 + 7\frac{3}{10}uv^4 - 16\frac{13}{18}u^2\right) + \left(\frac{1}{3}uv^4 - 1\frac{6}{7}u^2 + 2\frac{13}{14}uv\right)$$

$$776) \left(\frac{1}{17}xy^2 + 5\frac{5}{8}y^2\right) - \left(\frac{1}{3}x^4y^2 + 9\frac{12}{13}y^2 + \frac{5}{18}xy^2\right) - \left(4\frac{11}{16}xy^2 - 1\frac{4}{9}x^4y^2 + 1\frac{18}{19}x\right)$$

$$777) \left(1\frac{1}{5}x^4y + 7\frac{2}{3}x^3y^3\right) - \left(1\frac{8}{11}y^2 + 1\frac{4}{9}xy^2 + 9\frac{1}{5}x\right) + \left(8\frac{5}{6}x + \frac{9}{10}xy^2 + 1\frac{5}{7}y^2\right)$$

$$778) \left(1\frac{3}{5}y - \frac{2}{9}xy^2\right) - \left(2x^2y^3 - \frac{7}{18}xy^2 - 1\frac{1}{5}x^2y^2\right) + \left(3\frac{1}{4}xy^2 + \frac{5}{11}x^3y^3 + \frac{1}{2}x^2y^3\right)$$

$$779) \left(1\frac{2}{11}a^4b^4 + \frac{11}{15}a^3b^4\right) - \left(3\frac{12}{19}a^4b^4 + \frac{3}{5}a^3b^3 + 17a^4b^3\right) - \left(2a^3b^3 - 2\frac{10}{17}a^4b^4 - 2\frac{3}{10}a^2\right)$$

$$780) \left(1\frac{6}{7} + 1\frac{1}{6}x^2y^3\right) - \left(\frac{1}{4}y^4 + 16x^2y^3 - \frac{13}{19}\right) - \left(2\frac{5}{6} + 2x^2y^3 - 2\frac{13}{17}y^4\right)$$

$$781) \left(16mn + 6\frac{2}{3}m^3n^3\right) + \left(8m^3n^4 - \frac{6}{11}m^3n^3 - mn\right) - \left(\frac{2}{3}mn - \frac{13}{19}m^3n^3 + 4\frac{9}{10}m^3n^4\right)$$

$$782) \left(1\frac{1}{10}x^4y - \frac{12}{19}y^4\right) + \left(7\frac{4}{15}x^4y + 1\frac{6}{13}y^4 - \frac{4}{5}x^4y^4\right) + \left(7\frac{1}{2}x^4y + \frac{15}{19}x^4y^4 + 1\frac{4}{19}y^4\right)$$

$$783) \left(1\frac{1}{6}b^4 - 2\frac{4}{5}ab^3\right) - \left(4\frac{9}{14}ab^3 - \frac{5}{6}b^4 - 1\frac{9}{13}a^3b\right) - \left(\frac{1}{2}a^3b + 15\frac{1}{3}ab^3 + 1\frac{1}{16}a^2b^4\right)$$

$$784) \left(1\frac{3}{14}xy^4 - x^2y\right) + \left(\frac{2}{5}x^4 - \frac{5}{6}xy^2 + \frac{2}{5}xy^4\right) - \left(1\frac{1}{3}y^2 + 1\frac{1}{9}x^2y + 6xy^2\right)$$

$$785) \left(2\frac{5}{7}a^3b + 3a^4b^3\right) + \left(1\frac{15}{19}a^3b - 1\frac{1}{2}a^4b^3 - a^2\right) + \left(8\frac{7}{12}b^4 + 10\frac{4}{5}a^2 + 9\frac{13}{17}a^3b\right)$$

$$786) \left(1\frac{13}{18}u^4v - 1\frac{6}{17}u^4v^4\right) - \left(\frac{1}{4}v^3 + 1\frac{7}{11}u^4v^4 + 8\frac{3}{7}u^3v^4\right) + \left(14u^4v + 6\frac{2}{13}v^3 - 1\frac{9}{20}u^4v^4\right)$$

$$787) \left(1\frac{9}{11} + 7\frac{2}{7}x^2\right) - \left(\frac{2}{5}x^2y - \frac{3}{17}y^3 - 4\right) - \left(\frac{2}{17} - 3\frac{2}{3}y^3 - \frac{5}{6}x^2y\right)$$

$$788) \left(\frac{1}{16}x^2 + x^2y^3\right) + \left(6\frac{3}{5}x^2y^4 - 2\frac{14}{19}x^4 - \frac{3}{10}x^2\right) - \left(6\frac{13}{20}x^4 - 7\frac{1}{9}x^2 - \frac{3}{8}x^2y^3\right)$$

$$789) \left(10\frac{3}{8}x^4 + 18\frac{1}{6}x^3y^4\right) - \left(6\frac{1}{9}x^2y^4 + 5\frac{5}{6}x^4 - x^2y\right) + \left(3\frac{11}{15}x^3y^4 + 7\frac{7}{10}x^2y + 9\frac{11}{18}x^4\right)$$

$$790) \left(6\frac{2}{3}x^4y^4 - \frac{6}{7}x^4\right) - \left(6\frac{13}{18}x^3y^4 + 3\frac{18}{19}x^3y - 1\frac{1}{3}x^3y^2\right) + \left(8\frac{9}{10}x^4y^4 + 7\frac{1}{18}x^3y^2 - 1\frac{3}{7}x^3y\right)$$

$$791) \left(\frac{4}{5}x^2y^3 + \frac{1}{2}x^3y^3\right) - \left(2\frac{7}{10}x^2y^3 + 9\frac{1}{15}x^3 + 2x^3y^3\right) - \left(8\frac{3}{16}x^3 + 5\frac{1}{7}x^3y^3 + 1\frac{1}{3}x^2y^3\right)$$

$$792) \left(9\frac{1}{2}x^4y + 8\frac{1}{6}x^4\right) + \left(10\frac{9}{11}x^4y + 5\frac{2}{9}x^4 + 9\frac{6}{7}xy^2\right) - \left(1\frac{5}{6}x^4y + 7\frac{1}{7}xy^2 + 10\frac{11}{15}x^4\right)$$

$$793) \left(10\frac{3}{17}x^3 + 2\frac{13}{19}\right) + \left(3\frac{16}{17}x^3 - \frac{7}{10} + 1\frac{3}{19}xy^3\right) - \left(\frac{4}{15}x^3 + 2\frac{1}{4}xy^3 + 7\frac{2}{5}\right)$$

$$794) \left(1\frac{1}{2}ab^4 - 14\frac{1}{10}a^2b^3\right) - \left(1\frac{5}{12}a^2b^3 + 3\frac{5}{6}ab - \frac{9}{11}ab^4\right) + \left(1\frac{5}{9}ab + 8\frac{2}{3}ab^4 - 3\frac{14}{15}a^2b^3\right)$$

$$795) \left(7\frac{8}{19}x + 1\frac{2}{3}x^4y^2\right) - \left(\frac{7}{15}x^4y^4 - \frac{6}{13}x^2y^2 + 7\frac{9}{13}x^4y^2\right) - \left(1\frac{2}{3}x^4y^2 - x^2y^2 + \frac{5}{7}xy\right)$$

$$796) \left(\frac{7}{9}n^3 + 1\frac{1}{8}n^4\right) + \left(1\frac{13}{14}mn^3 + 5\frac{1}{14}mn^2 - 2\frac{5}{12}n^4\right) + \left(\frac{7}{16}n^4 - 2\frac{3}{7}n^3 + 4\frac{3}{5}m^2n^2\right)$$

$$797) \left(\frac{15}{19}m^4n^2 - 1\frac{6}{7}m^2n^4\right) + \left(1\frac{13}{14}m^2n^3 - 1\frac{1}{7}m^2n^4 - 3\frac{3}{7}m^4n^2\right) - \left(2m^2n^3 - 1\frac{13}{18}m^2n^4 + m^4n^2\right)$$

$$798) \left(6\frac{7}{17}xy + 5\frac{9}{17}x^4y^4\right) - \left(\frac{1}{6}y^3 + 7\frac{12}{17}x^4y^4 + 1\right) - \left(7\frac{1}{2} + \frac{1}{9}y^3 + 7\frac{11}{18}x^4y^4\right)$$

$$799) \left(\frac{5}{8}n + 16m^3n^3\right) - \left(\frac{2}{3}mn - 1\frac{1}{4}n^4 + 14n\right) + \left(mn + 7\frac{5}{17}n^4 + 3\frac{7}{15}m^3n^3\right)$$

$$800) \left(\frac{1}{12}x + \frac{3}{5}x^2y^3\right) - \left(1\frac{3}{14}xy^4 - \frac{1}{5}x + 2\frac{1}{15}x^2y^3\right) - \left(\frac{3}{4}xy^4 + 4\frac{13}{20}x - 3\frac{1}{9}x^3y^2\right)$$

$$801) m^2 + 8m^4 + 2n^2 + 2m^4 - \frac{2}{7}m^2 + \frac{5}{8}m^4 + 3\frac{4}{7}n^2$$

$$802) \frac{1}{4}x^2y^5 - 3\frac{5}{6}x^3y^3 + \frac{1}{3}x^3y^3 + 2\frac{1}{6}x^2y^5 - 1\frac{1}{4}x^2y^3 + \frac{3}{7}x^3y^3 - 2\frac{3}{5}x^2y^3$$

$$803) \frac{1}{7}a^4b - 1\frac{5}{7}a^3b^5 + 2a^4b + 3a^3b^5 + \frac{4}{5}b^4 + 2b^4 - a^4b$$

$$804) 4\frac{1}{6}u^4v - 2\frac{4}{7}u^4v^2 + 1\frac{3}{4}u^4v^3 - 1\frac{3}{7}u^4v^2 + 1\frac{3}{5}u^4v + 1\frac{1}{8}u^4v - 1\frac{1}{5}u^4v^3$$

$$805) 1\frac{1}{5}y^4 + 1\frac{1}{8}xy + 1\frac{1}{3}x^5 + 4\frac{1}{6}x^5y^5 - 2y^4 + \frac{1}{5}xy + \frac{4}{5}y^4$$

$$806) 4\frac{4}{5}x^2 - \frac{1}{2}x^4y + 2x^2 + 4\frac{1}{3}xy^4 + 2\frac{3}{8}x^4y + 1\frac{1}{5}x^2 - \frac{2}{3}x^4y$$

$$807) 1\frac{1}{2}x^2y + 4\frac{2}{5}x^2 + 1\frac{2}{7}x^2 + 1\frac{1}{3}xy - 2x^5y + \frac{5}{6}x^2 + 3\frac{3}{4}x^2y$$

$$808) u^3v^3 - 2u^4 + u^4 - 3\frac{5}{6}u^5v^4 - 3\frac{7}{8}u^3v^3 + u^3v^3 - 1\frac{1}{3}u^4$$

$$809) \frac{3}{4}y - 3\frac{5}{8}x + 1\frac{2}{3}x^4y^5 - 1\frac{2}{3}y - 2\frac{1}{4}x + 4\frac{3}{8}x + 1\frac{3}{4}x^4y^5$$

$$810) 2u^4v^3 + 1\frac{1}{3}u^5v + \frac{3}{7}u^4v^3 - 2\frac{3}{5}u - \frac{1}{3}uv^5 + 1\frac{2}{5}u - 3\frac{1}{3}uv^5$$

$$811) 2u^4 - 2\frac{3}{4}u^5v^4 + 1\frac{3}{4}u^5v^4 - 2\frac{1}{2}u^4 + \frac{1}{2}u^3v^5 + 4\frac{2}{3}u^4 + 7u^5v^4$$

$$812) 1\frac{1}{6}y^2 - 3\frac{1}{4}x^5y^2 + 1 + 4\frac{3}{4}y^2 - \frac{1}{2}x^5y^2 + \frac{1}{3}y^2 - 2\frac{1}{6}x^5y^2$$

$$813) 2\frac{3}{7}x^4y^2 + 2x^3y^5 + 1\frac{1}{4}xy^2 + 3\frac{3}{5}x^4y^2 + 2\frac{5}{8}x^3y^5 + \frac{1}{2}x^4y^2 + 2\frac{4}{5}xy^2$$

$$814) 1\frac{7}{8}xy^3 + 4\frac{1}{2}x^4y^5 + 8\frac{1}{3}x^4y + 4\frac{6}{7}x^4y^5 - 3\frac{5}{6}x^5 + 2\frac{1}{2}x^4y + 1\frac{1}{2}x^5$$

$$815) 1\frac{1}{4}mn^3 + 8m^5n^2 + 1\frac{2}{3}m^5n^2 - mn^3 - \frac{1}{2}m^2n + 3\frac{1}{4}mn^3 + 1\frac{3}{4}m$$

$$816) \frac{1}{5}x^5 - 1\frac{1}{2}x^2y + 1\frac{3}{4}y^5 - 1\frac{2}{5}x^5 - 2\frac{1}{4}x^2y + 2\frac{1}{5}x^2y - x^5$$

$$817) 2y + \frac{1}{3}x^5y^5 + 2x^5y^5 - 2y + \frac{5}{8}x^5y^2 + 3\frac{1}{4}y - 3\frac{1}{3}x^5y^5$$

$$818) \frac{2}{3}b^5 - a^3b^4 + 3a^2b^5 + 4\frac{1}{2}a^3b^4 - 1\frac{5}{6}b^5 + \frac{1}{4}b^5 + \frac{1}{5}a^3b^4$$

$$819) \frac{3}{4}x^4y^3 + x^5y^5 + 4\frac{2}{3}y^5 + 3\frac{3}{4}x^4y^3 - \frac{1}{2}x^5y^5 + 4\frac{3}{5}x^4y^3 + 1\frac{1}{6}y^5$$

$$820) 1\frac{3}{4}ab^2 + 3\frac{1}{2}a^2 + a^2b^4 + 4\frac{1}{3}ab^2 - 1\frac{5}{8}a^2 + a^2b^4 - \frac{7}{8}ab^2$$

$$821) \frac{1}{2}x^3 + 1\frac{1}{3}x^2y^4 + 1\frac{1}{2}x^4y^5 + x^3 - 3x^2y^4 + 7\frac{5}{6}x^2y^4 + \frac{1}{2}x^3$$

$$822) 4\frac{1}{2}x^2y^2 + \frac{1}{6}x^4y + 3x^2 + 3\frac{3}{4}x^4y + 4\frac{2}{7}x^2y^2 + 1\frac{2}{3}x^2y^2 + 1\frac{3}{4}x^2$$

$$823) 2m^5 - \frac{1}{3}m^4 + 2\frac{3}{5}m^4 + m^3n^3 + 2\frac{1}{2}m^3n^2 + m^4 + m^3n^3$$

$$824) 2x^5y^5 - 2 + \frac{3}{4}x^5y^5 - 1\frac{2}{3}x^3y^3 + 1\frac{5}{6} + 1\frac{1}{5} + \frac{1}{2}x^5y^5$$

$$825) \frac{2}{3}x^5 + y^4 + 2\frac{3}{5}x^5 - 7x + 1\frac{1}{2}y^4 + 8y^4 + 4\frac{1}{2}xy^3$$

$$826) 1\frac{1}{2}y^5 + 1\frac{3}{4}x^4 + 4\frac{1}{6}x^2y^2 - 1\frac{1}{6}y^5 - 2\frac{1}{6}x^4 + 1\frac{1}{6}y^5 + 2\frac{5}{6}x^2y^2$$

$$827) \frac{4}{5}x^4y^4 - \frac{1}{3}x^3y^4 + 2\frac{5}{6}x^3y^4 - \frac{4}{7}y^4 + 1\frac{4}{5}x^4y^4 + 3\frac{1}{3}y^4 + 4\frac{5}{6}x^3y^4$$

$$828) 4\frac{5}{7} + 6b^3 + \frac{5}{8} + \frac{6}{7}b^3 - \frac{1}{3}a^4b^4 + \frac{1}{2}b^3 + 1\frac{1}{6}a^4b^4$$

$$829) x^4y - 1\frac{1}{4}x^4y^5 + 4\frac{3}{7}x^4y^5 - 3\frac{5}{8}x^3y^5 + 1\frac{2}{3}x^4y + 4\frac{4}{5}x^3y^5 + \frac{5}{6}x^4y$$

$$830) ab^4 - a^3b + 2\frac{5}{6}a^3b + 1\frac{3}{4}a^2 - 2\frac{5}{7}ab^4 + 1\frac{6}{7}ab^4 - 1\frac{7}{8}a^2$$

$$831) 2\frac{1}{8}m^4n^5 + 1\frac{5}{8}m^4 + 3\frac{1}{4}m^4 + 1\frac{7}{8}m^4n^5 + 2m^5n^5 + 2m^5n^5 + 1\frac{3}{4}m^4n^5$$



$$832) \frac{1}{4}uv^5 - 2\frac{3}{4}u^4v^5 + u^3v^3 + 3\frac{2}{3}uv^5 + 8\frac{1}{7}u^4v^5 + 2\frac{1}{2}uv^4 + 1\frac{2}{3}uv^5$$

$$833) 1\frac{1}{5}y^3 - 2\frac{1}{3} + \frac{1}{4}y^5 - 2\frac{5}{8} + 3\frac{1}{5}y^3 + 1\frac{1}{3}y^5 - \frac{4}{7}$$

$$834) 1\frac{2}{7}u^4v^2 - 2\frac{1}{5}v^4 + 1\frac{1}{2}u^4v^2 + \frac{1}{2}u^2 + 3\frac{3}{4}v^4 + 1\frac{3}{5}u^4v^2 + 2\frac{2}{7}v^4$$

$$835) 1\frac{1}{2}x^5y^2 + 7x^3y^4 + xy^4 + \frac{2}{7}x^3y^4 + 2\frac{5}{6}x^2y^3 + 4\frac{1}{2}x^5y^2 + 4\frac{2}{7}x^3y^4$$

$$836) 3\frac{5}{6}x^2y^4 - 2x^2y^5 + 2\frac{2}{7}x^2y^4 - \frac{5}{7}y - 3\frac{1}{6}x^2y^5 + \frac{1}{2}x^2y^5 + 1\frac{2}{5}y$$

$$837) 6xy^2 + 4\frac{1}{8}x + 2\frac{1}{2}x + x^3y^4 + \frac{3}{7}x^4y^4 + \frac{1}{2}x - 2\frac{5}{6}x^4y^4$$

$$838) 1 + m^4n^4 + \frac{1}{2} + 1\frac{1}{2}m^4n^4 - \frac{1}{4}m^5n + \frac{3}{7}m^4n^4 + 6\frac{3}{4}m^5n$$

$$839) \frac{3}{4}x^4y^4 + 2\frac{1}{8}x^2y + \frac{5}{8}x^3y^5 + \frac{2}{3}x^5y^2 + 2\frac{5}{6}x^4y^4 + 1\frac{3}{7}x^2y - \frac{1}{4}x^4y^4$$

$$840) 2\frac{2}{7}y^3 + 1\frac{1}{2}xy + 1\frac{4}{5}xy^4 - 2xy + \frac{4}{5}y^3 + 1\frac{3}{5}xy + 1\frac{1}{3}y^3$$

$$841) \frac{1}{5}x^2y^3 - 3\frac{1}{6}x^2y^4 + \frac{1}{2}x^2y^4 + 1\frac{5}{6}x^2y + x^2y^3 + 1\frac{1}{6}x^2y^3 + 3\frac{3}{4}x^2y^4$$

$$842) 3\frac{5}{6}a^5b^3 + 7ab^5 + 1\frac{4}{5}a^5b^3 - 1\frac{1}{7}ab^5 + 1\frac{3}{7}a^5b^4 + 4\frac{5}{6}ab^5 - 1\frac{4}{5}a^5b^4$$

$$843) \frac{1}{6}x^2y^5 + 3\frac{2}{7}x^3y^4 + \frac{5}{6}x^2y^5 - 1\frac{1}{2}x - 1\frac{5}{7}x^3y^4 + 6x^2y^5 + \frac{1}{2}x^3y^4$$

$$844) 1\frac{6}{7}x^5y + \frac{3}{5}x^3 + 5\frac{2}{5}x^3 + xy^4 + \frac{1}{2}y^5 + \frac{3}{4}y^5 - 1\frac{1}{3}x^5y$$

$$845) 1\frac{4}{5}n^5 - 1\frac{2}{3}mn^2 + 1\frac{1}{8}m^4n^5 - 1\frac{1}{2}n^5 - \frac{3}{5}mn^2 + 1\frac{5}{6}mn^2 - 1\frac{5}{7}n^5$$

$$846) m^3n^2 + \frac{1}{4}m^3n^4 + 3\frac{5}{6}m^3n^4 - 1\frac{2}{3}m^3n^2 + 3\frac{5}{6}mn^4 + \frac{1}{2}m^3n^4 + 3\frac{1}{4}m^3n^2$$

$$847) 1\frac{1}{3}u^3v^2 + 1\frac{4}{5}u^4v^2 + 1\frac{5}{8}u^5v^4 - \frac{1}{4}u^4v^2 - 1\frac{1}{2}u^3v^2 + 2u^5v^4 + \frac{1}{4}u^2$$

$$848) x^3y^5 + 3\frac{1}{3}x^5y^4 + 2\frac{1}{2}x^3y^3 + \frac{1}{3}x^3y^5 + 4\frac{1}{6}x^5y^4 + 7x^3y^5 - 2\frac{7}{8}x^3y$$

$$849) \frac{2}{3}x^3y^5 - y^3 + y^3 + \frac{3}{5}xy^3 + 1\frac{1}{7}x^3y^5 + 4\frac{5}{7}x^2y^2 + 2\frac{1}{2}xy^3$$

$$850) 1\frac{1}{4}u^5v^3 + 1\frac{2}{7}u^3v + 4\frac{1}{3}u^5v^3 - u^4v^4 - 2\frac{7}{8}u^3v + 8\frac{1}{6}u^4v^4 + 3\frac{1}{2}u^3v$$

$$851) \frac{3}{4}x^4y^3 - 3\frac{3}{8}y^2 + 2x^4y^3 + 2\frac{1}{8}y^2 + \frac{3}{7}y^4 + 8y^2 - \frac{1}{2}y^4$$

$$852) \frac{1}{3}x^3 - \frac{1}{2}xy^3 + 2xy^3 + 1\frac{1}{2}x^3 - 5y^3 + 1\frac{2}{3}x^3 - 2\frac{2}{5}xy^3$$

$$853) 2\frac{1}{3}x^4 + \frac{1}{8}x^4y^5 + 4\frac{1}{2}x^4y^5 + 1\frac{6}{7}x^4y^4 - 2\frac{1}{4}x^4 + 1\frac{2}{3}x^4y^4 + \frac{1}{2}x^4$$

$$854) 3\frac{2}{7} - 2x^3y^5 + 4\frac{1}{3}x^3y^5 - 1\frac{7}{8}x^3y^2 + \frac{2}{3}xy^3 + \frac{7}{8}x^3y^2 - 3\frac{1}{2}xy^3$$

$$855) x^5y^5 - \frac{4}{7}x^4y^5 + 2\frac{5}{8}xy^3 + 1\frac{3}{4}x^5y^5 + 4\frac{2}{7}x^2y + xy^3 + \frac{1}{6}x^4y^5$$

$$856) 5\frac{3}{8}m^4n^4 + \frac{5}{8}n^3 + \frac{3}{8}n^3 + 2\frac{3}{4}m^4n^4 + mn^2 + n^3 + m^4n^4$$

$$857) 2a^4 - \frac{1}{3}a^5b^5 + 1\frac{5}{8}a^3b^4 + 3\frac{2}{7}a^4 + 3\frac{1}{4}a^2b + 2a^4 + 4\frac{1}{6}a^5b^5$$

$$858) \frac{3}{7}uv^5 + 2\frac{1}{3}u^2v^3 + 2u^2v^3 + 3\frac{2}{5}uv^5 + 2\frac{1}{2}u^2v^5 + 1\frac{1}{3}u^2v^3 + 4\frac{2}{3}uv^5$$

$$859) \frac{1}{3}y^4 + \frac{1}{2}x^5y^4 + 1\frac{3}{8}x^5y^4 - 3y^4 + 1\frac{1}{2}xy + 1\frac{2}{5}y^4 - 2\frac{2}{7}xy$$

$$860) b + 1\frac{1}{3}a^2b^4 + 1\frac{2}{5}a^3b^2 + 1\frac{6}{7}b - 8a^2b^4 + 2\frac{1}{8}a^2b^4 - 3\frac{1}{2}b$$

$$861) 7\frac{4}{5}b^3 + 2ab^4 + 1\frac{2}{7}a^3b^3 + 4\frac{5}{6}a^5b^2 - 3\frac{1}{2}ab^4 + 2\frac{1}{4}a^3b^3 - 2b^3$$

$$862) \frac{3}{8}x^2y^2 - 5\frac{1}{7}x^4 + \frac{3}{8}x^4y^2 - 8\frac{1}{2}x^3y^4 + 3\frac{1}{4}x^2y^2 + 2\frac{3}{4}x^2y^2 + x^3y^4$$

$$863) \frac{1}{7}y^5 - \frac{2}{3}x^2y^4 + 3\frac{3}{4}x^2y^4 + 2\frac{1}{2}x^5y^2 - 2\frac{3}{4}y^5 + 2\frac{2}{3}y^5 + 1\frac{6}{7}x^2y^4$$

$$864) 1\frac{3}{7}x^5y^2 - 1\frac{1}{7} + 4\frac{5}{6} - x^5y^2 - \frac{2}{3}x + \frac{6}{7} - 1\frac{5}{6}y$$

$$865) x^4y^2 - 2\frac{1}{2}x^4y + 1\frac{3}{4}x^4y^2 + \frac{1}{2}x^4y + 3xy^3 + 2\frac{1}{2}x^4 + xy^3$$

$$866) 3\frac{1}{8}x^2 - 1\frac{3}{4}xy^3 + 1\frac{4}{5}x^2 + 1\frac{3}{4}xy^4 + 1\frac{4}{5}xy^3 + 1\frac{3}{4}xy^3 + 2x^2$$

$$867) 1\frac{4}{5}a^2b^3 + \frac{6}{7}a^5b^3 + 3\frac{1}{4}b^4 - \frac{1}{4}a^5b^3 - \frac{4}{7}a^2b^3 + 2\frac{1}{3}b^4 - \frac{1}{2}a^3b^3$$

$$868) 2x^4y^3 - 2x^3y^2 + 3\frac{1}{8}x^3y^2 + 1\frac{1}{6}x^2y^3 + 3\frac{3}{4}x^4y^3 + \frac{1}{5}x^4y^3 + 4\frac{1}{7}x^2y^3$$

$$869) \frac{2}{7}x^3y^3 + 2x^2y^4 + 1\frac{2}{3}x^2y^4 - \frac{1}{3}x^3y^3 + \frac{4}{5}x^5 + 8x^2y^4 - 2\frac{3}{5}x^5$$

$$870) 4\frac{3}{5}n^3 + 1\frac{1}{3}m^3n^4 + \frac{3}{7}n^3 - \frac{1}{2}m^3n^4 + n^4 + 2n^4 - 6m^3n^4$$

$$871) 1\frac{2}{7}x^5y^3 - 3\frac{3}{4}y^3 + 4\frac{1}{3}x^2y^4 - 3\frac{2}{5}y^3 + 5\frac{4}{7}x^5y^3 + 1\frac{1}{2}x^4y - 1\frac{1}{4}x^2y^4$$

$$872) 7m^4n^2 - 3\frac{3}{4}mn + 2\frac{3}{4}mn + 2\frac{4}{5}m^4n^2 + 2\frac{5}{6}m^2n + m^4n^2 - 2m^2n$$

$$873) 2\frac{3}{8}uv - 1\frac{5}{7}v^4 + 4\frac{1}{4}uv + 3\frac{3}{8}uv^2 - 2v^4 + 1\frac{1}{3}u^2v + 8v^4$$

$$874) 4\frac{1}{4}x^3y + 1\frac{4}{5}x^2y^5 + 1\frac{1}{2}x^2y^5 + 3\frac{1}{6}y^2 + 3\frac{4}{5}x^3y + 1\frac{1}{3}x^2y^5 - \frac{1}{2}x^3y$$

$$875) x^2y^4 + 4\frac{1}{4}x^5y^2 + \frac{1}{3}x^2y^4 + 1\frac{2}{3}x^5y^2 + 4\frac{5}{6}y^3 + 1\frac{1}{2}y^3 - 1\frac{3}{7}x^2y^4$$

$$876) 4\frac{5}{6}y^3 - 2\frac{3}{5}x^5y + 2\frac{1}{2}x^3y^2 - 1\frac{4}{7}y^3 + 1\frac{2}{7}xy^4 + 2\frac{5}{6}x^3y^2 + 3\frac{1}{2}y^3$$

$$877) 1\frac{1}{4}a^3b^2 + \frac{7}{8}a^5 + 1\frac{5}{6}a^5b^3 - 2\frac{1}{6}a^3b^2 - 1\frac{1}{3}a^5 + \frac{3}{4}a^5b^3 + 5\frac{7}{8}a^5$$

$$878) 3\frac{5}{8}x^3y^2 - 1\frac{3}{4}x^5y^3 + 4\frac{3}{8}x^3y - \frac{5}{7}xy^5 - 1\frac{1}{5}x^3y^2 + 1\frac{3}{7}x^3y + 3\frac{4}{5}x^5y^3$$

$$879) 2\frac{4}{7} + 1\frac{1}{7}mn^5 + 3\frac{2}{7}mn^5 + 4m^3n^2 + \frac{4}{7}m^5n^2 + 1\frac{1}{3} - 1\frac{1}{3}mn^5$$

$$880) 1\frac{2}{3}x^5y^2 - 3\frac{1}{6}y^2 + 4\frac{3}{4}x^5y^2 + 1\frac{1}{2}x^2y^2 + 2\frac{3}{4}y^2 + 2x^2y^2 - \frac{1}{3}x^5y^2$$

$$881) \frac{1}{2}x^5y^4 - \frac{4}{7}x^3y^5 + x^3y^5 - 1\frac{4}{5}x^5y^4 - 1\frac{1}{2}y^3 + \frac{2}{7}x^5y^4 + \frac{3}{7}x^3y^5$$

$$882) 4\frac{1}{3}x^5 + 2\frac{2}{3}x^4y + 1\frac{3}{5}x^5 + 3\frac{3}{4}x^4y + \frac{1}{2}x^2y^3 + 1\frac{1}{2}x^5 + 4\frac{4}{5}x^4y$$

$$883) 2x^4y^5 + 3\frac{1}{2}xy^2 + 1\frac{2}{7}x^3y^3 + \frac{1}{2}x^3y^5 + \frac{7}{8}x^4y^5 + 2\frac{3}{8}x^3y^3 + 1\frac{1}{6}x^4y^5$$

$$884) 3\frac{3}{4}u^3 - \frac{3}{4}u^5v^2 + 2\frac{3}{5}u^3 - 2u + 1\frac{3}{8}u^5v^2 + \frac{1}{7}u + 1\frac{1}{3}u^4v^2$$

$$885) 2a^2b^5 + \frac{2}{7}a^4b^2 + 1\frac{3}{8}a^2b^5 - 1\frac{3}{5}ab^5 - 2\frac{1}{5}a^4b^2 + 4\frac{1}{8}a^4b^2 + 4\frac{1}{2}ab^5$$

$$886) 1\frac{1}{6}x^3y^3 - 1\frac{3}{7}xy^2 + x^3y^3 - 3\frac{1}{6}xy + \frac{1}{6}xy^3 + \frac{7}{8}xy^2 + 1\frac{3}{5}x^3y^3$$

$$887) 2m - \frac{1}{7}mn + \frac{3}{8}m^3n^2 + 1\frac{1}{5}m + 1\frac{5}{6}mn + \frac{1}{3}m - 2mn$$

$$888) 3\frac{1}{7}x^2y^2 - 7x^4y^2 + 1\frac{3}{4}x^2y^2 - \frac{3}{5}x^4y^2 - 5\frac{3}{8}x^3y + \frac{3}{5}x^2y^2 + 1\frac{1}{7}x^4y^2$$

$$889) \frac{1}{3}x^2 - 3\frac{1}{7}x^2y^4 + 1\frac{1}{2}xy - 1\frac{1}{3}x^2 - 2\frac{3}{5}x^2y^4 + \frac{3}{8}x^2y^4 + 2x^2$$

$$890) \frac{1}{2}m^4n^3 + 4\frac{7}{8}m^2n + 3\frac{1}{8}n^4 + 2mn^2 + 3\frac{5}{6}m^4n^3 + 3\frac{2}{5}m^2n + \frac{5}{6}mn^2$$

$$891) 1\frac{1}{4}u^4v + \frac{3}{4}uv^4 + 4\frac{3}{4}u^4v + \frac{5}{6}uv^4 - \frac{1}{4} + 3\frac{1}{5} - 2\frac{1}{5}uv^4$$

$$892) \frac{1}{5}u^4v + 4\frac{1}{3}v^3 + 1\frac{1}{8}u^4v + 1\frac{3}{4}u^4v^5 + \frac{2}{3}v^3 + 3\frac{1}{4}uv^3 + 3\frac{3}{4}v^3$$

$$893) 2\frac{1}{2}y^2 - 1\frac{2}{5}x^2y^4 + \frac{1}{3}y^2 - 2\frac{1}{2}x^2y^4 + 2x^2y^2 + 2\frac{5}{6}x^2y^2 - 2x^2y^4$$

$$894) \frac{4}{7}y - 2\frac{5}{8}xy + 3\frac{3}{7}xy + 5\frac{1}{2}y - 1\frac{2}{3}x^3y^3 + 1\frac{1}{2}y + xy$$

$$895) 3\frac{1}{2}u^4 + \frac{1}{6}u^2v + \frac{2}{7}u^3 - 1\frac{2}{3}u^2v - 2\frac{5}{6}u^4 + 1\frac{6}{7}u^4 - 1\frac{1}{3}u^4v^3$$

$$896) \frac{3}{8}x^5y^2 + 3\frac{1}{4}x^4y^3 + 1\frac{5}{7}x^5y^2 - 1\frac{1}{8}x^5 - 2\frac{1}{2}x^4y^3 + \frac{2}{3}x^4y^3 + x^5$$

$$897) 5y - \frac{1}{3}x^5y^5 + \frac{1}{7}x^5y^4 - 1\frac{2}{3}y + 1\frac{3}{5}x^5y^5 + \frac{3}{4}x^5y^4 - 2\frac{1}{8}x^5y^5$$

$$898) 2\frac{3}{5}m^2n - m^4n^5 + \frac{1}{2}m^2n + 1\frac{1}{4}mn + \frac{2}{5}m^4n^2 + 1\frac{3}{8}m^4n^5 + \frac{3}{7}m^2n$$

$$899) 3\frac{1}{8}x^2y^5 - x^4y + \frac{6}{7}x^2y^5 - 1\frac{3}{4}x^4y + \frac{7}{8}y^3 + 3\frac{1}{2}x^4y - 2\frac{3}{5}x^2y^5$$

$$900) \frac{1}{5}a^2b^3 - 3\frac{4}{7}a^2b^4 + \frac{1}{5}a^2b^4 + \frac{5}{6}a^4b^2 - 1\frac{1}{4}a^2b + 2a^2b^3 - \frac{1}{4}a^2b^4$$

$$901) \left(2\frac{7}{12}u^2v - 3\frac{3}{7}\right) - \left(1\frac{3}{7}u^2v^5 - \frac{3}{11}u^2v + 5\frac{1}{2}\right) - \left(1\frac{1}{6} + 2\frac{3}{4}u^2v + \frac{1}{2}u^2v^5\right)$$

$$902) \left(xy^5 - 3\frac{3}{7}y\right) - \left(1\frac{1}{2}y + 1\frac{1}{9}x^5y + \frac{3}{11}xy^5\right) - \left(2y - 1\frac{9}{10}xy^5 + 6\frac{1}{2}x^5y\right)$$

$$903) \left(1\frac{4}{5}xy^4 - 1\frac{6}{7}x^5\right) - \left(1\frac{3}{11}xy^4 - 1\frac{4}{5}x^3y^4 + 5\frac{1}{10}x^3y\right) - \left(1\frac{4}{5}x^3y^4 + \frac{1}{12}x^3y + 6\frac{1}{2}x^5\right)$$

$$904) \left(\frac{1}{2}a^2b + 5\frac{2}{5}ab^4\right) - \left(\frac{8}{11}a^3 + 3\frac{1}{5}a^4b^2 + 5\frac{1}{2}ab^4\right) - \left(2a^4b^2 + 2\frac{1}{8}ab^4 - 11a^2b\right)$$

$$905) \left(1\frac{5}{6}x^2y^4 - 1\frac{1}{3}x^5\right) - \left(1\frac{1}{3}x^2 + 4\frac{1}{6}y^2 - 1\frac{1}{11}x^3\right) - \left(1\frac{1}{2}x^2 - 3y^2 - \frac{2}{3}x^2y^4\right)$$

$$906) \left(12x^5y + 1\frac{1}{5}x^3y^3\right) - \left(\frac{1}{6}x^2y^4 - \frac{3}{4}x^5y - 3\frac{2}{5}x^4y^5\right) - \left(1\frac{2}{5}x^2y^4 - 1\frac{5}{6}x^3y^3 + 1\frac{1}{4}x^5y\right)$$

$$907) \left(\frac{6}{7}x^4 + 6\frac{1}{8}x^5y^5\right) - \left(5\frac{5}{12}x^4 - 2\frac{5}{8}x^2y^3 - \frac{4}{5}x^5y^5\right) - \left(\frac{8}{9}x^2y^3 - 4\frac{1}{3}x^5y^5 + \frac{6}{7}x^4\right)$$

$$908) \left(uv^5 - \frac{1}{4}v^5\right) - \left(\frac{1}{6}u^3v^2 + 5\frac{2}{9}v^5 - \frac{4}{9}uv^5\right) - \left(1\frac{1}{3}v^5 + 1\frac{6}{7}uv^5 - 1\frac{3}{4}u^3v^2\right)$$

$$909) \left(1\frac{1}{2}x^2y^5 - 1\frac{3}{7}xy^5\right) - \left(2xy^5 + 6\frac{2}{3}x^3y^2 - 1\frac{2}{3}x^2y^5\right) - \left(12\frac{1}{6}x^3y^2 + 1\frac{11}{12}xy^5 - 2x^2\right)$$

$$910) \left(1\frac{4}{7} - 1\frac{1}{6}a^5b\right) - \left(\frac{1}{5}a^5b + 2\frac{1}{4} - a^4b^5\right) - \left(2\frac{1}{2} + \frac{1}{2}a^5b + \frac{3}{8}a^4b^5\right)$$

$$911) \left(\frac{3}{4}x^4 + 5\frac{3}{7}x^2y^4\right) - \left(x^3y^5 - \frac{2}{5}x^2y^4 + 6\frac{1}{2}x^4\right) - \left(2\frac{1}{2}x^4 + 2\frac{8}{9}x^2y^4 + 3x^3y^5\right)$$

$$912) \left(1\frac{1}{8}m^5n^2 + 2m^5n^5\right) - \left(1\frac{1}{5}m^5n^5 - 2m - 1\frac{2}{3}m^2n^2\right) - \left(2\frac{4}{7}m^5n^4 + 2\frac{5}{7}m - m^2n^2\right)$$

$$913) \left(3\frac{7}{10}a^5b^5 + \frac{3}{4}a^3\right) - \left(a^3 + 3\frac{1}{2}a^5b + 11a^5b^5\right) - \left(1\frac{2}{3}a + 5\frac{3}{10}a^5b - 1\frac{1}{3}a^5b^5\right)$$

$$914) \left(4\frac{1}{3}x^4y^5 + 1\frac{2}{3}x^3\right) - \left(2\frac{7}{9}x^4y^4 + \frac{1}{6}y^5 + x^4y^5\right) - \left(1\frac{7}{11}x^4y^4 + 5\frac{7}{9}x^3 + 6\frac{1}{5}y^5\right)$$

$$915) \left(\frac{2}{3}a^4b^5 + 1\frac{7}{9}a^2b\right) - \left(\frac{1}{5}ab^4 - \frac{6}{11}a^2b^5 - 9a^4b^5\right) - \left(\frac{1}{3}ab^4 + 9a^2b - \frac{1}{3}a^2b^5\right)$$

$$916) \left(\frac{1}{2}x^2y^4 - 1\frac{3}{4}x^3\right) - \left(3\frac{2}{3}x^2y^4 - 1 - 2x^3\right) - \left(1\frac{7}{11} - 1\frac{3}{4}x^3 + \frac{1}{8}x^3y^2\right)$$

$$917) \left(3\frac{1}{2}xy^3 - 3\frac{1}{6}x^3y^4\right) - \left(\frac{1}{2}x^3y^4 + 1\frac{5}{6}xy^3 + 3\frac{1}{2}y\right) - \left(1\frac{1}{3}y^3 + \frac{1}{12}xy^3 + 4\frac{5}{12}y\right)$$

$$918) \left(\frac{6}{11}u^5 - 1\frac{1}{4}v^2\right) - \left(4\frac{3}{5}v^2 - 1\frac{7}{8}v^3 - 8u^5\right) - \left(3\frac{3}{5}u^5 - 2\frac{2}{3}u^2v^5 - 1\frac{1}{4}v^3\right)$$

$$919) \left(x + 1\frac{3}{4}x^2y^5\right) - \left(\frac{1}{6}x^4y + 2\frac{5}{7}y^5 - 1\frac{1}{4}x^2y^5\right) - \left(\frac{1}{2}x^4y^2 - 1\frac{1}{4}x - 2x^2y^5\right)$$

$$920) \left(2\frac{1}{6}x^2y^5 + xy^5\right) - \left(1\frac{5}{12}y^5 - 2\frac{9}{10}x^2y^5 + 2xy^5\right) - \left(xy^5 - y^5 + \frac{1}{2}x^2y^5\right)$$

$$921) \left(1\frac{5}{6}x^3y^5 + 6\frac{3}{8}y\right) - \left(5\frac{7}{9}x^4y + 1\frac{7}{11}x^5y^5 + x^3y^5\right) - \left(2\frac{7}{12}x^4y + 2\frac{4}{11}x^4y^2 + x^3y^5\right)$$

$$922) \left(\frac{1}{8}mn - m^2n^4\right) - \left(\frac{5}{7}n^5 + 4\frac{3}{4}mn - 1\frac{1}{5}m^2n^4\right) - \left(1\frac{1}{5}mn + 5\frac{8}{9}m^2n^4 + 5\frac{3}{5}n^5\right)$$

$$923) \left(1\frac{1}{9}ab + 2\frac{1}{2}a^5b^5\right) - \left(6\frac{5}{12}ab + 1\frac{1}{2}a^5b^5 + 1\frac{3}{4}a^2b^5\right) - \left(6\frac{1}{3}a^2b^5 + \frac{1}{3}a^5b^5 - \frac{1}{3}ab\right)$$

$$924) \left(1\frac{1}{8}x^4y^3 + x^2y^5\right) - \left(11x^3y^3 + \frac{7}{12}x^4y^3 + 5\frac{4}{7}\right) - \left(\frac{1}{6}x^2y^5 + 1\frac{1}{7}x^3y^3 + 5\frac{3}{4}x^4y^3\right)$$

$$925) \left(6\frac{7}{10}xy^4 - 2\frac{7}{10}x^5y^2\right) - \left(6\frac{1}{2}x^4y^4 - 2\frac{3}{7}xy^5 + x^5y^2\right) - \left(\frac{1}{6}x^5y^2 + 4\frac{7}{12}x^4y^4 + 1\frac{1}{3}xy^5\right)$$

$$926) \left(\frac{2}{5}xy^5 - \frac{3}{8}x^4y^5\right) - \left(4\frac{7}{10}x^4y^5 + 4\frac{2}{3}xy^5 + \frac{2}{5}x^2y^4\right) - \left(x^2y^5 - 1\frac{5}{9}x^2y^4 + 5\frac{5}{6}x^4y^5\right)$$

$$927) \left(3\frac{2}{11}a^5b^5 - \frac{2}{3}a^2\right) - \left(2\frac{3}{10}a^2 + 5\frac{6}{7}b^4 - \frac{1}{4}a^4b^5\right) - \left(a^4b^5 - 4a^4 + \frac{5}{6}a^5b^5\right)$$

$$928) \left(1\frac{2}{5}x^2y + 6\frac{7}{8}x^3y^2\right) - \left(3\frac{1}{2}x^5y^5 - 3\frac{1}{2}xy^5 + 5\frac{8}{9}x^3y^2\right) - \left(2x^3y^2 + 1\frac{5}{8}xy^5 + 1\frac{3}{11}x^5y^5\right)$$

$$929) \left(8x^2 + \frac{1}{3}xy\right) - \left(1\frac{1}{8}xy^4 - 1\frac{4}{5}x^2 + 2\frac{1}{6}x^3\right) - \left(6\frac{1}{7}x^2 - xy + 6x^3\right)$$

$$930) \left(6\frac{1}{4}m^5n^5 + 1\frac{3}{5}m^5\right) - \left(1\frac{1}{6}m^5n^5 + 4\frac{9}{10}m^5 + 2\frac{1}{2}mn^3\right) - \left(6\frac{2}{9}m^5 - \frac{1}{8}mn^3 + 1\frac{9}{11}m^5n^5\right)$$

$$931) \left(12a^4b^2 + 5\frac{3}{5}a^2b^2\right) - \left(4\frac{7}{10}a^4b^5 + \frac{1}{5}a^3b^3 - 1\frac{6}{11}a^3b^4\right) - \left(\frac{7}{9}a^3b^3 - 2\frac{5}{12}a^2b^2 - 1\frac{1}{6}a^4b^2\right)$$

$$932) \left(6\frac{4}{9}x^3y + 4\frac{1}{6}y^2\right) - \left(6\frac{9}{10}y^4 - 3\frac{2}{7}x^3y - 11\frac{7}{10}y^2\right) - \left(\frac{1}{2}x^3y + 4\frac{5}{7}y^2 - 11y^4\right)$$

$$933) \left(2y^4 + 1\frac{10}{11}x^4y^5\right) - \left(\frac{7}{10}x^3y^4 + \frac{8}{11}x^4y^5 - 2x^4y\right) - \left(4\frac{7}{8}x^3y^4 + 2\frac{2}{11}y^4 + 3\frac{5}{7}x^4y\right)$$

$$934) \left(\frac{1}{6}x^2y^5 + 1\frac{7}{12}y^4\right) - \left(4\frac{11}{12}x^4y^4 + 3\frac{1}{4}x^2y^5 + \frac{2}{3}y^4\right) - \left(\frac{7}{8}x^4y^4 + 7x^2y^5 + 4\frac{1}{5}y^4\right)$$

$$935) \left(\frac{3}{4}x^3y^4 + 6\frac{10}{11}x^2\right) - \left(6\frac{1}{4}x^3y^4 + 4\frac{11}{12}x^2 + 3\frac{8}{9}x^5y^2\right) - \left(1\frac{2}{9}x^5y^2 - \frac{7}{9}xy^3 + 1\frac{1}{4}xy^4\right)$$



$$936) \left(1\frac{1}{2}u^5v - 8\frac{2}{3}uv\right) - \left(\frac{5}{7}uv + 1\frac{2}{3}u^5v + \frac{1}{4}u^3v^5\right) - \left(4\frac{5}{6}u^3v^5 - \frac{3}{11}u^5v - 3\frac{1}{5}uv\right)$$

$$937) \left(1\frac{1}{6}a^2b^4 + 6\frac{1}{12}a^5b^2\right) - \left(\frac{3}{10}a^2b^4 - ab^4 - 1\frac{1}{5}a^5b^2\right) - \left(a^5b^2 + \frac{4}{5}a^3b^3 + \frac{4}{9}ab^4\right)$$

$$938) \left(4\frac{1}{4}y^4 + 1\frac{5}{8}x^5\right) - \left(\frac{5}{6}x^4y^5 - 1\frac{1}{2}x^5 - 1\frac{3}{4}y^3\right) - \left(5\frac{1}{12}y^3 - 2x^4y^5 + 1\frac{2}{9}y^4\right)$$

$$939) \left(5\frac{10}{11}x^5y^3 + 12x^5y^5\right) - \left(4\frac{5}{7}x^5y^3 - 5x^5 - \frac{1}{2}x^5y^5\right) - \left(\frac{3}{4}x^5y^5 - 1\frac{3}{4}x^5 - \frac{9}{10}x^5y^3\right)$$

$$940) \left(\frac{5}{6}x^2 + 1\frac{1}{9}x\right) - \left(1\frac{1}{9}y^4 - 3\frac{1}{4}x^5y^3 - \frac{3}{5}x\right) - \left(1\frac{1}{4}y^4 - 1\frac{1}{6}x^2 + \frac{8}{9}x^5y^3\right)$$

$$941) \left(1\frac{7}{10}x^5y^4 + 6\frac{5}{6}xy^4\right) - \left(6\frac{1}{4}xy^4 + 6\frac{1}{4}x^5y^4 - \frac{1}{2}x^3y^5\right) - \left(1\frac{3}{4}x^3y^5 + \frac{1}{5}xy^4 + 4\frac{1}{6}x^5y^4\right)$$

$$942) \left(6\frac{1}{6}mn^2 + 1\frac{1}{2}m^3n\right) - \left(2m^5n^4 + 2\frac{5}{11}m^3n - \frac{2}{5}m^5n^2\right) - \left(\frac{4}{5}m^3n + 7\frac{2}{7}mn^2 - 2\frac{3}{7}m^5n^2\right)$$

$$943) \left(1\frac{4}{7}u^2v^4 + u^3v^5\right) - \left(4\frac{1}{4}u^2v^4 + \frac{7}{9}u^3v^5 - \frac{1}{10}u^4v^3\right) - \left(6\frac{3}{5}u^2v^4 + 9\frac{2}{7}u^4v^3 - 1\frac{1}{2}u^3v^5\right)$$

$$944) \left(4\frac{1}{3}x^4y^3 + \frac{1}{4}y\right) - \left(12\frac{4}{5}x^4y - \frac{1}{4}x^4y^3 - 3\frac{1}{2}y\right) - \left(y - 2\frac{11}{12}x^4y - 9\frac{5}{6}x^4y^3\right)$$

$$945) \left(1\frac{3}{11}ab^3 + 2ab\right) - \left(1\frac{1}{5}a^5 + \frac{1}{2}ab - 4ab^3\right) - \left(1\frac{2}{3}ab + 5\frac{6}{7}ab^3 + 4\frac{5}{8}a^5\right)$$

$$946) \left(1\frac{5}{6}x^3y^4 - 2\frac{2}{3}xy^3\right) - \left(\frac{7}{9}xy^2 + \frac{1}{4}xy^5 - 3\frac{5}{6}x^3y^4\right) - \left(\frac{4}{5}xy^2 + 2xy^3 - 1\frac{1}{12}x^2\right)$$

$$947) \left(2x^3y^5 - \frac{2}{3}x\right) - \left(\frac{7}{9}x^3y^5 + \frac{5}{8}xy^3 - 9\frac{1}{8}y^5\right) - \left(1\frac{3}{7}x^3y^5 - 4x - \frac{3}{5}xy^3\right)$$

$$948) \left(m^3n - \frac{2}{3}m^4n^5\right) - \left(\frac{6}{7}m^4n^2 + 1\frac{1}{10}m^4n^5 - \frac{7}{9}m^3n\right) - \left(1\frac{1}{4}m^4n^2 + 1\frac{3}{5}m^4n^5 - 2\frac{1}{6}n^3\right)$$

$$949) \left( x^4 y^4 + 1 \frac{1}{5} x^2 y^2 \right) - \left( x^2 y^2 + 2 \frac{1}{2} x^2 + 1 \frac{5}{11} x^4 y^4 \right) - \left( x^3 y^2 + 5 \frac{1}{9} x^2 y^2 + 6 \frac{3}{8} x^2 \right)$$

$$950) \left( 6x^5 y^4 + \frac{2}{5} x^4 y^2 \right) - \left( 4 \frac{1}{6} x y^4 - x^5 y^2 - 1 \frac{6}{11} y \right) - \left( \frac{3}{5} x^4 y^2 + 1 \frac{9}{10} y - \frac{1}{2} x y^4 \right)$$

$$951) \left( 1 \frac{1}{11} b^3 + 4 \frac{7}{10} b \right) - \left( 1 \frac{1}{2} b - 1 \frac{9}{10} b^3 - 3 \frac{1}{11} \right) - \left( 2 \frac{1}{6} b^5 + \frac{2}{9} + \frac{1}{2} b^3 \right)$$

$$952) \left( 4 \frac{1}{4} - 2x^5 y \right) - \left( 5 \frac{1}{3} x y^2 + \frac{4}{9} + \frac{1}{4} x^5 y \right) - \left( 4 \frac{5}{6} x^3 y^3 - 1 \frac{3}{4} x + 1 \frac{7}{12} \right)$$

$$953) \left( 1 \frac{1}{2} x^5 y^3 + \frac{2}{7} x y^3 \right) - \left( 1 \frac{8}{9} y^4 + 2 \frac{3}{7} x^3 y^4 - 1 \frac{2}{11} x^4 y^4 \right) - \left( \frac{1}{3} x y^3 + 2 \frac{3}{7} y^4 - \frac{3}{7} x^3 y^4 \right)$$

$$954) \left( \frac{3}{10} x^2 y^4 - \frac{2}{7} x^4 y^4 \right) - \left( 4 \frac{4}{5} x^4 y^4 + 1 \frac{1}{2} x^2 y^3 + 5 \frac{3}{10} y^2 \right) - \left( 9x^2 y^3 + 3 \frac{5}{12} x^2 y^4 - 1 \frac{4}{9} x^4 y^4 \right)$$

$$955) \left( 1 \frac{1}{2} x^2 y - 1 \frac{3}{8} x^2 \right) - \left( 3 \frac{7}{10} x^2 + 6 \frac{1}{5} x^2 y - 3 \frac{3}{4} y^3 \right) - \left( \frac{4}{9} x^2 y - 1 \frac{1}{5} y^3 + 5 \frac{1}{2} x^2 \right)$$

$$956) \left( 2 \frac{1}{2} m^2 n^2 - 1 \frac{1}{3} m^5 n^5 \right) - \left( 1 \frac{1}{2} m^2 n^2 + \frac{1}{4} m^5 n^5 + 5 \frac{3}{4} n^2 \right) - \left( 1 \frac{1}{3} m^2 n^2 - 1 \frac{1}{12} m^5 n^5 - n^2 \right)$$

$$957) \left( 3 \frac{5}{6} m^3 n^5 - 4m^4 n \right) - \left( \frac{5}{6} m^4 n + 5 \frac{3}{8} m^3 n^5 + 5 \frac{4}{9} m^3 n^4 \right) - \left( 1 \frac{3}{4} m^4 n + m^3 n^5 - \frac{4}{5} m^3 n^4 \right)$$

$$958) \left( 2 \frac{2}{11} u + 5 \frac{1}{3} u^5 v^3 \right) - \left( 3 \frac{4}{9} u^5 v^3 - 3 \frac{1}{10} u^4 v^5 - 1 \frac{2}{9} u \right) - \left( 1 \frac{1}{2} u + 1 \frac{3}{7} u v^4 + 1 \frac{4}{5} u^4 v^5 \right)$$

$$959) \left( 1 \frac{8}{9} u^3 v^2 + \frac{5}{7} u^2 v^4 \right) - \left( 1 \frac{3}{11} v^3 - 2 \frac{5}{8} u^2 v^5 - 1 \frac{5}{12} u^3 v^2 \right) - \left( 4 \frac{1}{6} v^5 - 1 \frac{2}{3} u^2 v^5 + 1 \frac{3}{4} v^3 \right)$$

$$960) \left( \frac{2}{9} x^5 y^3 + 6 \frac{2}{3} \right) - \left( 2 \frac{1}{12} x^2 y^3 + \frac{3}{4} y^3 + 5 \frac{1}{12} \right) - \left( 2 \frac{7}{12} x^2 y^3 + 4 \frac{2}{7} y^3 - 10x^5 y^3 \right)$$

$$961) \left( 2 \frac{4}{5} x^2 y^2 + 5 \frac{1}{7} x^4 y^2 \right) - \left( 2y^5 - 11x^3 - 2 \frac{5}{9} x^2 y^2 \right) - \left( 6 \frac{1}{3} x^4 y^2 + 5 \frac{3}{5} x^2 y^2 + \frac{7}{9} x y^3 \right)$$

$$962) \left(1\frac{2}{3}xy^3 - 3\frac{1}{6}x^5y^3\right) - \left(2\frac{1}{2}x^5y^3 + 4\frac{4}{5}y^2 + 5\frac{1}{2}xy^3\right) - \left(\frac{5}{9}y + 6\frac{7}{10}x^5y^3 + \frac{1}{2}y^2\right)$$

$$963) \left(2\frac{3}{8}a^5b^2 + 1\frac{3}{5}b^2\right) - \left(1\frac{4}{5}a^5b^3 + a^5b^2 + 6\frac{1}{8}a^3b\right) - \left(5\frac{1}{12}a^3b - 1\frac{1}{2}a^5b^2 + 3\frac{7}{12}a^4b^3\right)$$

$$964) \left(5\frac{2}{3}x^3 + \frac{4}{7}x^5\right) - \left(3\frac{1}{7}x^5 + \frac{1}{9}x^2y^3 - 1\frac{1}{2}x^2y^2\right) - \left(\frac{1}{5}x^3 + \frac{4}{5}x^2y^3 + \frac{2}{9}x^2y^2\right)$$

$$965) \left(\frac{1}{10}x^3y^4 - 1\frac{7}{12}x^4y^3\right) - \left(6\frac{2}{7}x^3y^4 + 4\frac{5}{6}x^5y^2 - 1\frac{4}{7}x^4y^3\right) - \left(1\frac{7}{11}x^5y^2 + 6\frac{1}{3}x^3y^4 - 3\frac{1}{2}x\right)$$

$$966) \left(1\frac{3}{8}m^2n^3 - 12\frac{7}{9}n\right) - \left(\frac{1}{2}m^2n^3 + 2mn^4 + 1\frac{1}{3}n\right) - \left(1\frac{5}{6}m^2n^3 - 1\frac{9}{11}mn^4 + 1\frac{4}{9}n\right)$$

$$967) \left(\frac{1}{4}u^5v - 3v^5\right) - \left(1\frac{1}{4}u^5v + 5u^4v + 4\frac{8}{9}v^5\right) - \left(4\frac{7}{10}v^5 + 6\frac{7}{12}u^4v + 2\frac{5}{9}u^5v\right)$$

$$968) \left(\frac{5}{8}u^4v^2 - 1\frac{7}{8}uv^3\right) - \left(5\frac{2}{5}uv^3 + 8u^4v^2 - 1\frac{1}{2}u^4\right) - \left(9uv^3 + 1\frac{1}{11}u^4v^2 + \frac{5}{6}u^4\right)$$

$$969) \left(\frac{1}{2}x^3y^3 + \frac{2}{7}y^4\right) - \left(5\frac{2}{3}xy^3 + \frac{5}{12}y^4 - 2\frac{6}{7}x^3y^3\right) - \left(1\frac{1}{5}y^4 - \frac{2}{3}x^3y^3 - 1\frac{4}{11}x^4y^5\right)$$

$$970) \left(6\frac{6}{7}b^5 + \frac{5}{8}a^5b^3\right) - \left(1\frac{7}{8}b^5 + 7a^5b^3 - 2\frac{7}{11}a^3b^2\right) - \left(3\frac{7}{8}b^5 - 1\frac{1}{6}a^3b^2 - 1\frac{1}{6}a^5b^3\right)$$

$$971) \left(2\frac{1}{6}m^2n^2 - 3\frac{1}{6}m^4n^4\right) - \left(1\frac{1}{2}m^5n^4 - 2\frac{1}{12}m^5n + \frac{1}{2}m^2n^2\right) - \left(\frac{1}{2}m^2n^2 + \frac{1}{2}m^2n + 1\frac{3}{4}m^5n\right)$$

$$972) \left(6\frac{11}{12}xy^2 - 1\frac{1}{3}y\right) - \left(5\frac{1}{7}xy^4 + xy^2 + 5\frac{1}{4}y\right) - \left(\frac{2}{7}y + 1\frac{2}{5}xy^4 - 3\frac{7}{8}xy^2\right)$$

$$973) \left(\frac{1}{2}xy^5 + 1\frac{1}{2}y^2\right) - \left(4\frac{5}{11} - 1\frac{1}{8}xy^5 + 6\frac{6}{11}y^2\right) - \left(1\frac{1}{2}y^2 - 6xy^5 + 1\frac{5}{9}x^4y\right)$$

$$974) \left(5\frac{1}{3}x^2y^3 + y^4\right) - \left(6\frac{1}{3}xy^4 + 2\frac{1}{4}y^2 + 5\frac{1}{2}x^2y^3\right) - \left(1\frac{5}{6}y^2 + 4\frac{1}{4}xy^4 + 2\frac{1}{4}y^4\right)$$

$$975) \left(1\frac{3}{10}x^4y^4 - 2\frac{1}{2}x^3y\right) - \left(10x^4y^4 - 9\frac{1}{6}x^3y + 5\frac{7}{11}x^2y^4\right) - \left(4\frac{3}{4}x^2y^4 + 1\frac{1}{7}x^4y^2 + xy^5\right)$$

$$976) \left(5\frac{8}{11}u^4v^4 + 6\frac{1}{7}u^2v^2\right) - \left(1\frac{5}{7}u^4v^4 + u^2v^2 + u^5\right) - \left(1\frac{1}{5}u^5 - 9u^4v^4 + 6\frac{2}{3}u^2v^2\right)$$

$$977) \left(5\frac{4}{5}n + 1\frac{4}{9}m^3n^2\right) - \left(2mn^3 - \frac{2}{3}m + \frac{5}{6}m^2n^2\right) - \left(4m^3n^2 + 3\frac{7}{10}m + 1\frac{1}{5}mn^3\right)$$

$$978) \left(\frac{8}{9}u^3v^3 + 1\frac{2}{3}u^2v^2\right) - \left(\frac{1}{3}u^3v^4 - 1\frac{2}{7}u^3v^3 + 1\frac{2}{3}u^2v^2\right) - \left(\frac{2}{9}u^3v - 1\frac{8}{9}u^3v^3 + 1\frac{3}{4}u^5v^5\right)$$

$$979) \left(\frac{5}{7}x^5y^2 + \frac{4}{5}x^3y\right) - \left(1\frac{3}{4}x^5y^2 + \frac{2}{7}x^3y + 6\frac{2}{3}x^5y\right) - \left(\frac{1}{6}x^3y + 2\frac{1}{9}x^5y^2 + 1\frac{1}{4}x^5y\right)$$

$$980) \left(2\frac{1}{4}b^5 - 2\frac{1}{6}a^2b\right) - \left(12\frac{2}{3}b^5 + \frac{5}{6}a^4b^3 + 4\frac{2}{11}a^2b\right) - \left(1\frac{4}{7}b^5 + 6\frac{5}{6}a^2b - 1\frac{2}{3}a^4b^3\right)$$

$$981) \left(1\frac{1}{3}y + x^4y^4\right) - \left(10\frac{1}{2}x^4 + 3\frac{2}{9}y + 2\frac{5}{8}x^4y^4\right) - \left(4\frac{5}{6}x^4 + 1\frac{4}{11}x^4y^4 + \frac{2}{3}y\right)$$

$$982) \left(1\frac{4}{11}x^3y + 6\frac{3}{8}x^2y^4\right) - \left(1\frac{1}{2}x^5y^3 + 5\frac{11}{12}x^3y + \frac{5}{12}x^2y^4\right) - \left(\frac{3}{8}x^5y^3 + 4\frac{3}{5}x^2y^2 - x^3y\right)$$

$$983) \left(2v^2 + 6\frac{1}{5}u^5v^3\right) - \left(5\frac{1}{2}v^2 - 2\frac{9}{10}u^5v^3 - 1\frac{1}{4}uv^2\right) - \left(u^3v^2 - 3u^3v^3 - 1\frac{5}{6}v^2\right)$$

$$984) \left(4\frac{2}{3}x^5y^2 - 3\frac{11}{12}x^2y^5\right) - \left(x^3y^2 - \frac{1}{8}x^4y^5 - 3\frac{5}{6}x^2y^5\right) - \left(4\frac{5}{8}x^5y^2 - 1\frac{3}{10}x^4y^5 + \frac{2}{3}x^3y^2\right)$$

$$985) \left(5\frac{1}{6}a + 3\frac{7}{11}a^3b^5\right) - \left(\frac{3}{10}ab^2 + 6\frac{1}{9}a^5b^4 - 1\frac{2}{3}a\right) - \left(11\frac{11}{12}ab^2 - \frac{1}{2}a^5b^4 + 5\frac{1}{4}a\right)$$

$$986) \left(\frac{4}{5}x^2y - \frac{1}{4}x^5y^5\right) - \left(\frac{5}{7}x^4y + 5\frac{5}{7}x^2y + 1\frac{4}{5}x^5y^5\right) - \left(5\frac{5}{6}x^2y + x^4y^5 + 2x^4y\right)$$

$$987) \left(y^4 - \frac{1}{12}x^2y^5\right) - \left(5\frac{1}{5}x^2y^5 + 1\frac{4}{11}y^4 + \frac{3}{8}x^4y\right) - \left(5x^4y - 1\frac{5}{7}x^2y^5 - 1\frac{7}{11}y^4\right)$$

$$988) \left( 11m^2n^3 - 2\frac{2}{11}m^2 \right) - \left( \frac{3}{4}m^2 - \frac{7}{10}m^4n^2 + 5\frac{7}{9}m^2n^3 \right) - \left( m^2n^3 + 1\frac{5}{7}m^2 - 2\frac{3}{5}m^4n^2 \right)$$

$$989) \left( \frac{8}{9}n^3 + 2\frac{2}{3}m^4n^4 \right) - \left( 2\frac{1}{2}n^3 + 1\frac{7}{10}m^4n + 3\frac{1}{10}m^4n^4 \right) - \left( \frac{1}{6}n^3 - m^4n + 2m^4n^4 \right)$$

$$990) \left( 1\frac{1}{3}x^5y + 2x^3 \right) - \left( 3\frac{1}{6}x^5y - 3\frac{4}{9}xy + \frac{1}{6}x^3 \right) - \left( 4\frac{1}{2}xy - \frac{1}{6}x^5y - 3\frac{1}{12}x^3 \right)$$

$$991) \left( 4\frac{7}{12}x^4 - 2\frac{1}{2}x^4y^4 \right) - \left( 5\frac{3}{11}y^2 + 2x^4y^4 + 4\frac{5}{12}x^4 \right) - \left( 3\frac{1}{2}x + 1\frac{3}{4}x^4y^4 - 1\frac{1}{6}x^4 \right)$$

$$992) \left( 2xy - \frac{2}{3}x^3y^5 \right) - \left( 1\frac{4}{7}x^5y^3 - 1\frac{7}{10}xy + \frac{1}{3}x^3y^5 \right) - \left( xy + 3\frac{1}{8}x^3y^5 + \frac{2}{9}x^5y^3 \right)$$

$$993) \left( 2v^3 + 3\frac{1}{8}u^3v^3 \right) - \left( \frac{1}{4}uv^2 + 5\frac{1}{6}u^3v^3 + \frac{3}{10}u^2v^3 \right) - \left( 3\frac{2}{5}u^2v^3 + 3\frac{8}{9}uv^2 - 1\frac{2}{3}u^3v^3 \right)$$

$$994) \left( x^5y - 2\frac{1}{3}x^5y^5 \right) - \left( 5\frac{6}{7}x^5y^5 + 4\frac{1}{2}xy^2 + 3\frac{7}{10}x^5y \right) - \left( \frac{1}{7}x^5y - \frac{1}{8}x^5y^5 - 1\frac{2}{7}x^5y^2 \right)$$

$$995) \left( \frac{7}{11}a^3b^2 - 5a^5 \right) - \left( 1\frac{5}{9}a^5 - \frac{8}{11}a^3b^2 + 6\frac{1}{9}a^5b^3 \right) - \left( 1\frac{3}{5}a^3b^2 - 1\frac{3}{7}a^5 - 1\frac{2}{3}ab^3 \right)$$

$$996) \left( 1\frac{1}{2}u^2 - 9v \right) - \left( \frac{4}{5}v^5 + 4\frac{3}{4}u - 2\frac{7}{9}u^2 \right) - \left( \frac{3}{5}v + 6\frac{1}{2}v^5 + 3\frac{1}{2}u^2 \right)$$

$$997) \left( 1\frac{1}{4}n + \frac{1}{5}m^3n \right) - \left( 1\frac{2}{7}m^5n^5 + 4\frac{2}{9}mn^4 + 4\frac{3}{7}m^3n \right) - \left( 1\frac{1}{8}m^3n - \frac{8}{9}mn^4 - 1\frac{8}{9}n \right)$$

$$998) \left( 4\frac{4}{5}x^3y^4 + 1\frac{2}{3}x^3 \right) - \left( \frac{5}{6}x^3y^4 + 4\frac{11}{12}x^2y - \frac{10}{11}x^3y \right) - \left( 4\frac{4}{5}x^3y^4 + 5\frac{1}{3}x^2y + 6x^3y \right)$$

$$999) \left( 2 + 4\frac{1}{5}x^2y^3 \right) - \left( 1\frac{1}{3} + 5\frac{1}{10}x^4y - \frac{3}{4}x^2y^3 \right) - \left( 1\frac{2}{7}x^5y^4 + \frac{1}{2}x^3y^4 + \frac{7}{12}x^4y \right)$$

$$1000) \left( 1\frac{1}{5}x^3y^3 - 1\frac{4}{9}x^4y \right) - \left( 1\frac{5}{6}x^2y - \frac{7}{10}x^4y - x^4y^5 \right) - \left( 4\frac{7}{10}x^4y^5 - 1\frac{1}{2}x^4y - \frac{1}{2}x^3y^3 \right)$$

$$1001) \left(3\frac{5}{9}uv^2 - 1\frac{2}{11}u^4v^3\right) - \left(3\frac{2}{3}u^4v^3 + 1\frac{2}{5}u^5v^5 - \frac{1}{8}u^3v\right) - \left(2\frac{11}{14}uv^2 + \frac{1}{2}u^3v + 7\frac{1}{2}u^4v^3\right)$$

$$1002) \left(\frac{1}{12}x^3 - \frac{1}{13}x^2y^4\right) - \left(-3\frac{2}{3}y^5 + 5\frac{3}{10}x^5 - \frac{1}{2}x^2y^4\right) - \left(1\frac{1}{5}x^2y^4 + 4\frac{3}{4}x^3 - \frac{2}{3}y^5\right)$$

$$1003) \left(\frac{2}{3}x - \frac{7}{13}x^4\right) + \left(10\frac{8}{9}x^5 - 1\frac{1}{2}x^4 + 3\frac{2}{9}x\right) + \left(-1\frac{1}{3}x + 3x^2y^5 + \frac{6}{7}x^5\right)$$

$$1004) \left(1\frac{7}{13}y^2 - 1\frac{2}{7}x^2y^5\right) - \left(1\frac{4}{5}y^2 + 14x^2y^5 - \frac{11}{14}x^2y^3\right) + \left(2\frac{4}{5}x^3y^3 - 2y^2 + 13x^2y^5\right)$$

$$1005) \left(-1\frac{8}{9}x^3y^5 + 2\frac{3}{5}x\right) - \left(3\frac{7}{13}x^4 - 3\frac{8}{11}x^2 + 1\frac{1}{2}x\right) + \left(-\frac{1}{6}x^5y^2 + \frac{9}{11}x + 6\frac{11}{12}x^2\right)$$

$$1006) \left(1\frac{7}{10}x^4 + 1\frac{4}{11}x\right) - \left(1\frac{1}{2}x^4y^3 - 2x^4 + 7\frac{7}{10}x\right) - \left(3\frac{1}{8}x - 1\frac{2}{5}x^4 + 1\frac{1}{2}x^4y^3\right)$$

$$1007) \left(-8\frac{1}{10}xy^3 + 8x^2y^4\right) + \left(-\frac{1}{2}xy^3 - \frac{7}{12}x^2y^4 - 1\frac{1}{5}xy^5\right) + \left(7\frac{1}{13}xy^5 + 1\frac{1}{2}x^2y^4 - 1\frac{8}{11}xy^3\right)$$

$$1008) \left(-\frac{1}{2}u^4v^5 - \frac{1}{2}u^2v^3\right) + \left(-\frac{1}{3}u^2v^3 - \frac{3}{8}u^4v^5 - 2\frac{9}{10}u^3\right) - \left(-1\frac{1}{14}u^4v^5 - \frac{3}{10}u^3 + 6\frac{5}{12}u^2v^3\right)$$

$$1009) \left(2m^3n - \frac{1}{2}m^5n^3\right) + \left(4\frac{2}{3}n - \frac{1}{3}m^2n^5 + 1\frac{1}{14}m^3n\right) - \left(\frac{3}{7}m^3n + 2\frac{6}{11}m^2n^5 + 4\frac{1}{5}n\right)$$

$$1010) \left(\frac{2}{7}a^4b^4 - 3\frac{3}{10}ab^4\right) + \left(1\frac{1}{3}ab^4 - 1\frac{1}{2}a^4 - 3\frac{3}{4}a^4b^4\right) - \left(-1\frac{4}{5}b^5 + 7ab^4 + \frac{2}{7}a^5b^4\right)$$

$$1011) \left(7\frac{7}{11} + 6\frac{1}{2}x^3y^5\right) + \left(\frac{1}{6}x^4 - 1\frac{1}{2} + \frac{1}{5}x^3y^5\right) + \left(\frac{1}{8}x^4 + 7\frac{3}{8} + 5\frac{3}{14}x^3y^5\right)$$

$$1012) \left(6\frac{7}{8}y^5 + \frac{7}{10}x^3\right) + \left(4\frac{1}{4}x^2y^2 - 1\frac{3}{5}x^3 - 12y^5\right) - \left(1\frac{1}{2}y^5 - 1\frac{1}{12}xy^2 - \frac{8}{11}x^2y^2\right)$$

$$1013) \left(-\frac{11}{12}a^3b^4 + 1\frac{1}{7}a^5\right) - \left(5\frac{2}{3}a^3b^4 - 1\frac{2}{3}a^5 - \frac{4}{5}ab\right) - \left(4\frac{1}{2}a^3b^4 + 1\frac{2}{3}a^4b^3 + 2\frac{8}{13}ab\right)$$

$$1014) \left(7\frac{5}{12}m^5n + 5\frac{3}{11}m^2n^5\right) - \left(-2\frac{1}{10}m^2n^5 + 2\frac{6}{7}m^3n^3 + 1\frac{1}{3}n^5\right) - \left(\frac{1}{3}m^5n^4 - 13n^5 + 12\frac{3}{4}m^2n^5\right)$$

$$1015) \left(4\frac{2}{9}ab^5 - 1\frac{2}{3}a\right) - \left(-1\frac{1}{6}ab^5 + 5\frac{13}{14}a^4b^2 - 2\frac{4}{5}a\right) + \left(6\frac{1}{7}a - \frac{2}{3}ab^5 - 3\frac{4}{9}a^5b^4\right)$$

$$1016) \left(1\frac{1}{4}x^4 + \frac{1}{2}x^5y\right) + \left(-\frac{1}{6}x^3y^2 - 1\frac{3}{7}x^3y^4 + \frac{5}{14}x^5y\right) + \left(-1\frac{9}{10}x^4 + 3\frac{8}{11}x^3y^2 + y^4\right)$$

$$1017) \left(-1\frac{1}{5}x^5y^5 + 2x^2y^5\right) - \left(1\frac{8}{9}x^5y^5 - 1\frac{4}{9}y^2 + 1\frac{1}{3}x^3y^4\right) + \left(3\frac{4}{11}x^5y^5 - 8\frac{1}{11}x^2y^5 + \frac{4}{11}y^2\right)$$

$$1018) \left(7\frac{5}{6}xy + 1\frac{2}{3}x\right) + \left(-7xy + 5\frac{1}{12}x^3y^5 + 7x\right) - \left(1\frac{5}{13}x^3y^5 + 2\frac{1}{2}x^4y^2 + 2\frac{11}{14}xy\right)$$

$$1019) \left(1\frac{1}{5}u^5v^5 + 2\frac{1}{6}v^3\right) - \left(1\frac{2}{3}u^5v^5 + 2\frac{1}{12}v^3 - 9\frac{1}{8}u^2v^4\right) - \left(-1\frac{3}{7}u^5v^5 + 2\frac{1}{10}v^3 + 1\frac{1}{13}u^2v^4\right)$$

$$1020) \left(1\frac{9}{10}y^3 - \frac{9}{10}x^4y^3\right) - \left(-\frac{2}{7}y^3 + 6\frac{6}{7}x^5y^5 + 5\frac{1}{4}x^4y^3\right) - \left(\frac{1}{4}x^5y^5 + \frac{2}{3}x^4y^3 + 7\frac{1}{2}y^3\right)$$

$$1021) \left(7b^2 + 2\frac{1}{2}a^2b^3\right) + \left(7\frac{1}{3}b^2 - 2\frac{4}{13}a^5 + 1\frac{1}{3}a^2b^3\right) - \left(1\frac{1}{13}b^2 + 2\frac{1}{8}a^2b^3 + a^5\right)$$

$$1022) \left(-3\frac{5}{14}xy^4 + 3\frac{1}{12}x^2y^4\right) - \left(-1\frac{5}{14} + 4\frac{5}{14}xy^4 + 1\frac{3}{4}x^2y^4\right) - \left(\frac{5}{14}xy^4 + 7\frac{1}{10}x^2y^4 + \frac{1}{8}\right)$$

$$1023) \left(-\frac{8}{9}m^5n^5 - 1\frac{1}{9}\right) + \left(-1\frac{1}{3}m^5n^5 - 1\frac{3}{5}n^2 - 1\frac{3}{10}\right) - \left(-\frac{1}{2} + \frac{1}{2}m^5n^5 + 1\frac{7}{10}n^2\right)$$

$$1024) \left(-\frac{4}{9}a + 14\frac{1}{2}a^5b^5\right) - \left(-9\frac{2}{7}a^2 + 6\frac{1}{2}a^2b^2 - 1\frac{4}{11}a\right) + \left(6a - 1\frac{4}{5}a^5b^5 + 6\frac{1}{2}a^2\right)$$

$$1025) \left(5x^5y - 3\frac{1}{8}x^2y^3\right) - \left(1\frac{12}{13}x^4y^2 + \frac{3}{4}x^5y^2 + 11x^5y\right) - \left(\frac{6}{7}x^5y + 6x^4y^2 - \frac{6}{13}x^5y^2\right)$$

$$1026) \left(-1\frac{4}{5}y^4 - \frac{5}{8}x^4y^5\right) + \left(1\frac{4}{5}x^4y^5 + \frac{4}{13}xy^4 - 2\frac{1}{8}x^2y^4\right) - \left(-1\frac{7}{8}x^2y^4 + \frac{1}{2}x^4y^5 - 1\frac{3}{8}y^4\right)$$

$$1027) \left(1\frac{4}{5}x^3y - 1\frac{4}{7}y^3\right) - \left(-1\frac{3}{8}x^5y^5 - 1\frac{1}{3}y^3 + \frac{1}{3}x^3y\right) + \left(3\frac{9}{14}x^5y^5 + 4\frac{2}{3}x^3y - 1\frac{7}{10}xy\right)$$

$$1028) \left(11a^3b^4 - 1\frac{3}{13}b^5\right) - \left(\frac{1}{2}b^5 - 3\frac{7}{12}a^3b^4 - 3\frac{5}{6}a^3b^3\right) + \left(\frac{1}{2}a^3b^3 - b^5 - 2\frac{5}{6}a^3b^4\right)$$

$$1029) \left(1\frac{11}{14}x^4y^3 + 1\frac{3}{4}y^3\right) + \left(6\frac{2}{11}xy^2 - 1\frac{7}{9}x^3y^5 + x^4y^5\right) - \left(6\frac{11}{12}x^4y^3 - 2\frac{5}{6}x^3y^5 + 7\frac{5}{14}x^4y^5\right)$$

$$1030) \left(-2x^4y^3 + 1\frac{2}{5}xy^3\right) - \left(-3\frac{3}{14}x^4y^3 - 1\frac{1}{2}xy^3 - 1\frac{1}{4}x^4y^2\right) - \left(-1\frac{1}{6}xy^3 - 2\frac{2}{9}x^4y^2 - 2\frac{10}{11}x^4y^3\right)$$

$$1031) \left(\frac{7}{8}m^4n^4 + 5\frac{1}{9}mn^5\right) + \left(-\frac{1}{3}m^4n^4 + 1\frac{1}{4}n^3 - 2mn^5\right) - \left(\frac{1}{6}mn^5 + \frac{7}{10}m^4n^4 - 3\frac{5}{7}n^3\right)$$

$$1032) \left(-1\frac{4}{7}x^3 + 2\frac{5}{8}xy^4\right) + \left(-2x^5y^3 + 12x^3 - \frac{3}{4}xy^4\right) - \left(-13xy^4 - 1\frac{5}{12}x^3 - \frac{1}{2}x^5y^3\right)$$

$$1033) \left(6\frac{7}{8}y^3 - 2\frac{4}{5}x^5y^2\right) + \left(1\frac{4}{7}x^5y^2 + 1\frac{1}{8}y^3 + \frac{5}{6}y^4\right) - \left(-1\frac{1}{11}x^5y^2 + \frac{2}{3}y^4 - \frac{7}{9}x^3\right)$$

$$1034) \left(1\frac{2}{3}x^4y^4 - 1\frac{2}{3}x^2y\right) + \left(1\frac{2}{7}x^2y^5 - 5xy + \frac{2}{3}x^4\right) + \left(\frac{1}{7}xy + 1\frac{2}{7}x^4 + 2\frac{2}{3}x^2y\right)$$

$$1035) \left(1\frac{7}{8}x^3y^4 + 1\frac{3}{8}x^3y^2\right) - \left(-1\frac{9}{13}x^3y^2 + \frac{9}{10}x^3y^4 + \frac{7}{10}x^3y^3\right) + \left(\frac{8}{11}x^3y^3 + 2\frac{1}{8}x^3y^4 + \frac{9}{10}x^4y^3\right)$$

$$1036) \left(2\frac{1}{12}v + 4\frac{13}{14}uv^3\right) - \left(13\frac{1}{2}uv + \frac{2}{7}v^5 + \frac{5}{12}uv^3\right) + \left(-\frac{3}{5}v - 1\frac{1}{6}u^2v^2 - 3\frac{2}{3}v^5\right)$$

$$1037) \left(-x^5y + 7\frac{1}{6}x^2y^3\right) + \left(-\frac{4}{7}x + \frac{5}{8}x^5y + 6\frac{11}{13}x^2y^3\right) - \left(-\frac{1}{2}x^5y - 2x^2y^2 + 2x^5y^4\right)$$

$$1038) \left(\frac{1}{4}m^2n + \frac{11}{12}m^3n\right) + \left(7m^5 - 1\frac{2}{5}m^2n + 3m^3n^4\right) - \left(-11m^5 - 2\frac{7}{11}m^3n^4 - 2m^2n\right)$$

$$1039) \left(\frac{1}{5}a^5b - 1\frac{5}{8}a^5b^3\right) - \left(1\frac{1}{2}a^4b^3 + a^5b - 2\frac{1}{6}a^5b^3\right) + \left(-\frac{1}{2}a^5b - 1\frac{1}{14}a^4b^4 + 2\frac{7}{12}a^5b^3\right)$$



$$1040) \left(-\frac{3}{4}u^5v^4 + 2\frac{12}{13}u^2v\right) + \left(5u^5v^4 + 3\frac{11}{12}uv^3 - 1\frac{2}{3}u^2v\right) - \left(-3\frac{7}{11}uv^3 - 2\frac{3}{4}u^5v^4 - 1\frac{3}{5}u^2v\right)$$

$$1041) \left(2y^5 + 3\frac{1}{4}x^4\right) - \left(\frac{3}{10}y^5 + 4\frac{3}{8}x^4 - x^3y^3\right) - \left(x^4 - 2x^3y^3 + 2\frac{7}{8}y\right)$$

$$1042) \left(-3\frac{1}{4}x^2y^2 - 1\frac{3}{4}x^2y^3\right) - \left(-2x^2y^2 + \frac{1}{2}x^2y^3 + 1\frac{7}{8}x^4y^5\right) + \left(-2x^2y^2 + \frac{2}{5}x^4y^5 + \frac{7}{8}x^2y^3\right)$$

$$1043) \left(\frac{1}{2}y^4 + 6\frac{8}{9}y^2\right) + \left(-1\frac{4}{7}x^5y^3 + 7\frac{2}{3}x^4y + \frac{1}{3}y^2\right) + \left(12x^5y^3 - 1\frac{5}{8}x^4y - 2\right)$$

$$1044) \left(1\frac{2}{9}u^5v^3 + \frac{2}{3}u^3v^2\right) + \left(3\frac{1}{10}u^5v^3 - 8\frac{4}{7}u^3v^2 + \frac{7}{11}u^5\right) - \left(-6\frac{5}{6}u^5v^3 - 1\frac{1}{2}u^3v^2 + 6u^5\right)$$

$$1045) \left(5\frac{3}{7} + \frac{8}{11}x^4\right) - \left(\frac{1}{3} + 7\frac{2}{3}xy^3 + 6\frac{2}{9}x^5y\right) - \left(1\frac{1}{2}x^4 - 3\frac{11}{12}xy^3 + 2\right)$$

$$1046) \left(-3\frac{3}{5}mn^3 - 1\frac{1}{2}mn^4\right) + \left(5\frac{4}{9}n^4 + 1\frac{6}{13}m^2n^2 - \frac{1}{5}mn^3\right) - \left(\frac{3}{4}mn^4 - 2\frac{3}{7}mn^3 + 6\frac{7}{9}n^4\right)$$

$$1047) \left(-2\frac{5}{8}a^2b^2 - 2\frac{7}{8}a^4b^4\right) + \left(3\frac{5}{11}a^4b^4 - 1\frac{1}{4}ab^5 + \frac{1}{2}ab\right) - \left(-\frac{1}{2}a^4b^4 - \frac{1}{5}a^2b^2 + 7\frac{1}{3}ab^5\right)$$

$$1048) \left(\frac{10}{13}mn - \frac{1}{6}m^2n^2\right) + \left(2\frac{8}{13}mn + 1\frac{1}{6}m^5n^3 - m^2n^3\right) + \left(-1\frac{5}{12}m^5n^3 + 1\frac{1}{12}m^2n^3 - \frac{2}{5}mn^3\right)$$

$$1049) \left(-\frac{2}{3}x^5y^2 + \frac{3}{4}x^5y^5\right) - \left(-2\frac{3}{13}x^5y^5 - 2x^3y^2 - 2\frac{1}{2}xy^3\right) - \left(-3\frac{5}{6}x^3y^2 - x^5y^5 + xy^3\right)$$

$$1050) \left(4\frac{3}{8}xy + \frac{2}{3}x^3\right) + \left(\frac{9}{14}xy + \frac{7}{8}x^4y^4 + 1\frac{1}{2}x^2y^4\right) + \left(\frac{1}{3}x^4y^4 + 5\frac{2}{3}x^2y^4 + \frac{1}{4}xy\right)$$

$$1051) \left(\frac{3}{5}m^3n + 5\frac{2}{11}m^3n^3\right) - \left(4\frac{13}{14}m^3n + 11m^3n^3 + \frac{3}{4}mn^2\right) + \left(\frac{4}{5}mn^2 - 2\frac{1}{5}m^3n^3 - 2\frac{7}{8}m^3n^5\right)$$

$$1052) \left(-1\frac{1}{12}v^4 - 2\frac{3}{10}u^3v^2\right) + \left(5\frac{3}{5}u^3v^3 + 2\frac{1}{12}v^4 + u^3v^2\right) - \left(4\frac{3}{5}u^3v^3 + 2v^4 + 4\frac{7}{13}u^3v^2\right)$$

$$1053) \left(1\frac{1}{4}x^2y^2 + \frac{9}{14}y^5\right) + \left(4\frac{1}{2}x^2y^2 - 2\frac{2}{5}y^5 + 12y^2\right) - \left(-\frac{1}{3}y^2 + 3\frac{3}{5}x^2y^2 - 1\frac{7}{9}y^5\right)$$

$$1054) (2x^2y^3 + 12y^3) - \left(-2\frac{10}{11}y^3 + 7\frac{3}{4}x^4y^4 + 1\frac{1}{2}x^2y^3\right) - \left(-1\frac{4}{13}xy + 5\frac{4}{7}x^4y^4 - 2\frac{3}{5}x^2y^3\right)$$

$$1055) \left(-8ab + 1\frac{2}{11}a^3b^3\right) + \left(-\frac{4}{11}a^2b^5 + \frac{3}{5}ab + \frac{9}{11}a^3b^3\right) - \left(-\frac{4}{11}a^2b^5 - 2\frac{5}{14}a^3b^3 + \frac{2}{5}ab\right)$$

$$1056) \left(-2x^2y^5 + 3\frac{1}{2}x^3y^2\right) + \left(-2x^3 - 2\frac{7}{9}x^3y^2 + 1\frac{1}{6}x^2y^5\right) + \left(5\frac{1}{3}x^3 + 3\frac{1}{2}x^3y^2 + 6\frac{3}{7}x^2y^5\right)$$

$$1057) \left(-1\frac{5}{8}n^2 + 7\frac{4}{5}m^2n^2\right) - \left(\frac{4}{13}m^4n^2 + 2\frac{7}{8}m^5n^4 - \frac{1}{3}m^2n^2\right) - \left(5\frac{3}{4}n^2 - m^4n^2 + 1\frac{1}{2}m^5n^4\right)$$

$$1058) \left(6\frac{1}{5}y - 2\frac{2}{13}x^5y\right) - \left(-1\frac{1}{12}x^3y^4 + \frac{2}{9}x^2 - 2\frac{5}{9}x^5y\right) + (-13x^2 - y + 2x^5y)$$

$$1059) \left(-1\frac{5}{7}u^4v^3 + 1\frac{1}{11}v\right) + \left(4\frac{3}{4}v^2 + 7\frac{2}{3}v + 7\frac{3}{5}u^5v^5\right) + \left(-3\frac{11}{12}u^4v^3 + 4\frac{9}{10}v^5 + \frac{8}{11}v\right)$$

$$1060) (-x^3y^3 + 2x^5y^2) - \left(1\frac{1}{2}y^2 + 1\frac{1}{11}x^3y^3 - 1\frac{6}{13}x^5y^2\right) + \left(\frac{2}{5}x^2y^2 + 1\frac{4}{5}y^2 + 4\frac{2}{5}x^3y^3\right)$$

$$1061) \left(\frac{5}{11}xy^4 - 2\frac{7}{8}\right) + \left(\frac{1}{12}xy^4 - \frac{1}{2}y^3 + 6\frac{5}{9}\right) - \left(6\frac{1}{12} + 6\frac{1}{3}y^3 - \frac{7}{9}x^5y^2\right)$$

$$1062) \left(1 + \frac{1}{13}x^4y^3\right) - \left(1\frac{1}{4} - 2\frac{10}{11}x^5 - 10x^4y^2\right) - \left(12 + \frac{2}{3}x^4y^3 + \frac{9}{10}x^5\right)$$

$$1063) \left(\frac{1}{2}m^5n^3 + m^5n^2\right) - \left(\frac{3}{5}m^4n^3 + 1\frac{6}{7}m^5n^2 - \frac{4}{7}m^5n^3\right) + \left(\frac{1}{2}m^5n^3 - 1\frac{5}{12}m^5n^2 - 12m^4n^3\right)$$

$$1064) \left(-1\frac{3}{11}xy^5 - 3\frac{4}{7}x^4y\right) + \left(4\frac{5}{6}x^4y - 3xy^5 + x^2y^3\right) - \left(\frac{1}{13}x^4y - 1\frac{5}{12}x^2y^3 - 2xy^5\right)$$

$$1065) \left(-3\frac{11}{14}u^4v^5 + u^5\right) - \left(-1\frac{8}{11}uv^5 - 1\frac{3}{11}u^2v^2 - 1\frac{2}{7}u^4v^5\right) - \left(-1\frac{1}{2}u^4v^4 - 2u^5 - \frac{2}{7}u^2v^2\right)$$

$$1066) \left(2\frac{2}{3}m^4n^5 - \frac{2}{13}m^5\right) + \left(\frac{3}{10}m^4n^5 + 12m^5n + 1\frac{1}{10}m^5\right) - \left(5\frac{8}{13}m^5n + 4\frac{1}{5}m^5 + 7\frac{4}{5}m^4n^5\right)$$

$$1067) \left(\frac{5}{8}x^5y^5 - 1\frac{1}{5}y^4\right) + \left(\frac{10}{11}y^4 + \frac{5}{7}xy^2 + 6\frac{1}{3}x^5y^5\right) + \left(-\frac{3}{4}xy^2 - 2\frac{3}{4}x^5y^5 - 1\frac{3}{14}y^4\right)$$

$$1068) \left(-2\frac{1}{5}u^5 + 1\frac{2}{11}u^3v\right) + \left(1\frac{2}{13}u^2v^2 - 1\frac{1}{6}u^3v^4 - \frac{1}{2}u^3v\right) - \left(2u^3v + \frac{1}{10}u^3v^4 - 1\frac{2}{3}u^2v^2\right)$$

$$1069) \left(-\frac{3}{4}u^3v + \frac{7}{12}uv\right) + \left(3\frac{5}{6}uv^4 - 3\frac{5}{6}u^3v + 3\frac{9}{10}uv\right) - \left(7\frac{9}{10}uv + 8\frac{9}{13}uv^4 + 5\frac{13}{14}u^3v\right)$$

$$1070) \left(\frac{7}{8}y^3 - 1\frac{3}{13}x^4y^2\right) + \left(1\frac{9}{10}xy^2 + 1\frac{1}{3}y^3 + 6\frac{1}{2}x^5\right) + \left(4\frac{1}{8}x^5 + \frac{5}{7}y^3 + 5\frac{4}{5}x^4y^2\right)$$

$$1071) \left(3\frac{3}{5}x^3y^3 + 4\frac{1}{2}x^5y^4\right) + \left(-1\frac{2}{7}x^5y^4 - \frac{1}{2}x^4y^2 - 2\frac{8}{11}x^3y^3\right) - \left(\frac{2}{3}x^4 - 3\frac{5}{11}x^5y^4 + x^3y^3\right)$$

$$1072) \left(6\frac{1}{2}m^4n + 12\frac{2}{9}n\right) - \left(1\frac{5}{7}n + \frac{4}{11}m^3n^4 - 1\frac{1}{2}m^2n^3\right) - \left(\frac{1}{3}m^5 - \frac{1}{5}m^3n^4 + \frac{9}{11}n\right)$$

$$1073) \left(-\frac{1}{2}x^2 + 6\frac{1}{6}y\right) - \left(-\frac{2}{7}x + \frac{1}{8}x^5y^3 - 1\frac{4}{7}x^2\right) - \left(-\frac{2}{9}x^2 + 2\frac{1}{10}x^5y^3 + 3\frac{1}{2}y\right)$$

$$1074) \left(\frac{9}{10}x^4y^5 - 1\frac{7}{9}xy^3\right) - \left(x^3 - 1\frac{3}{14}x^4y^4 + \frac{5}{6}xy^3\right) - \left(1\frac{1}{4}y^2 + 7\frac{11}{12}x^4y^5 + 4\frac{3}{4}x^3\right)$$

$$1075) \left(7\frac{9}{11}v - \frac{1}{8}u^2\right) - \left(1\frac{4}{5}u^3v^5 + \frac{3}{14}u^2 + 1\frac{2}{5}v\right) - \left(\frac{5}{6}u^2 + \frac{3}{11}u^3v^5 + \frac{4}{9}v\right)$$

$$1076) \left(-2\frac{1}{10}m^3 + 1\frac{13}{14}m^3n\right) - \left(-2\frac{1}{2}n + 1\frac{1}{3}m^3n - \frac{2}{9}m^2n^2\right) - \left(14m^2n^2 + 1\frac{1}{11}m^3n - 10m^2n^3\right)$$

$$1077) \left(-\frac{1}{11}x^3y^2 - 3\frac{9}{14}x^3y^5\right) - \left(-2\frac{11}{14}xy^5 + 5\frac{5}{6}x^3y^2 - \frac{3}{4}x^3y^5\right) + \left(-3\frac{2}{3}x^3y^5 + \frac{4}{11}xy^5 + x^3y^2\right)$$

$$1078) \left(\frac{1}{3}xy - 1\frac{3}{7}x^3y^2\right) - \left(1\frac{1}{2}x^3y^2 - 1\frac{1}{2}x^4y^2 + 6xy\right) + \left(-1\frac{11}{14}x^2y - 3\frac{11}{13}xy + 2\frac{9}{10}x^3y^2\right)$$

$$1079) \left(7\frac{1}{4}a^4b^2 + 4\frac{1}{6}a\right) + \left(2a^5b + \frac{9}{11}a^4b^2 - 1\frac{3}{4}a^2b\right) + \left(2\frac{5}{8}a^5b + \frac{5}{7}a^2b - \frac{4}{7}a^4b^2\right)$$

$$1080) \left(1\frac{2}{3}u^5 + 1\frac{1}{4}u^4v^3\right) + \left(-2\frac{2}{11}u^4v^3 - 3\frac{4}{9}u^2v^5 - 1\frac{11}{12}u^5\right) - \left(-\frac{1}{2}u^4v^3 + 1\frac{3}{5}u^2v^5 + 6\frac{1}{2}u^5\right)$$

$$1081) \left(-\frac{1}{14}m^3n^4 + 5\frac{9}{14}n^4\right) + \left(7\frac{3}{14}m^2n + 7\frac{5}{8}n^4 + 6\frac{1}{8}m^3n^4\right) + \left(\frac{3}{10}m^3n^4 + 5\frac{2}{3}n^4 + 6\frac{9}{10}m^2n\right)$$

$$1082) \left(1\frac{9}{13}x^2y^4 - \frac{8}{9}y^2\right) + \left(6\frac{3}{4}x^2y^5 - 1\frac{11}{14}y^2 - 1\frac{1}{13}x^4y^5\right) + \left(3\frac{2}{13}x^2y^5 + 1\frac{4}{11}x^4y^5 - 3\frac{3}{7}x^2y^4\right)$$

$$1083) \left(-\frac{1}{3}y + 7\frac{5}{6}y^2\right) + \left(-2\frac{2}{11}x^2 + 2x^4 + 7\frac{5}{9}y^2\right) - \left(1\frac{1}{3}x^2y^2 - 1\frac{2}{13}y^2 + 2\frac{1}{14}x^2\right)$$

$$1084) \left(\frac{8}{11}x^4y^5 - 1\frac{5}{12}x^4\right) + \left(-1\frac{5}{6}y + 3\frac{7}{10}x^4 + 1\frac{2}{3}x^4y^5\right) - \left(-1\frac{2}{5}y + 2\frac{5}{13}x^4 - \frac{1}{2}x^4y^5\right)$$

$$1085) \left(1\frac{13}{14}a^5b + 7a^5b^4\right) - \left(-13\frac{1}{2}ab^4 + \frac{1}{6}b^2 - \frac{1}{5}a^5b\right) - \left(7\frac{5}{9}a^5b - 1\frac{1}{6}b^2 + a^5b^4\right)$$

$$1086) \left(-1\frac{2}{5}v^2 + 5\frac{2}{9}u^4v\right) - \left(-\frac{1}{8}v^2 + 3\frac{1}{10}v^5 + 3\frac{5}{13}u^4v\right) + \left(-1\frac{1}{4}v^2 + 7\frac{3}{4}v^5 - 1\frac{4}{5}u^4v\right)$$

$$1087) \left(5\frac{3}{10}xy^4 + 1\frac{4}{7}x\right) + \left(\frac{3}{4}x + 7\frac{1}{2}xy^4 + \frac{7}{12}x^3y^5\right) + \left(\frac{2}{7}xy^4 - \frac{13}{14}x + 1\frac{6}{13}x^3y^5\right)$$

$$1088) \left(4\frac{7}{10}a^2b^2 + 4\frac{1}{2}ab\right) + (-13ab + 2a^2b^2 - a^4b^5) - \left(-1\frac{1}{4}a^4b^5 - 1\frac{1}{14}a^2b^2 + 1\frac{7}{10}ab\right)$$

$$1089) (-x^2y - 2x^4y) + \left(7\frac{1}{8}x^4y - 2\frac{1}{2}x^2y - 12y\right) + \left(1\frac{5}{11}x^4y + 1\frac{11}{14}x^2y + \frac{1}{6}y\right)$$

$$1090) \left(-1\frac{3}{4}x + 5\frac{8}{9}xy^2\right) - \left(\frac{3}{8}x + x^5y^5 + 1\frac{7}{9}x^4y^2\right) + \left(\frac{5}{11}x - \frac{1}{2}xy^2 - \frac{2}{3}x^4y^2\right)$$

$$1091) \left(-1\frac{1}{3}x^4 + 2x^2y^2\right) + \left(-2\frac{1}{2}x^5y + \frac{2}{7}x^3y - \frac{1}{3}x^2y^2\right) + \left(1\frac{3}{7}xy + 4\frac{4}{7}x^3y - 1\frac{7}{10}x^2y^2\right)$$

$$1092) \left(-\frac{9}{13}x^4 + 6\frac{7}{9}y^2\right) - \left(\frac{7}{13}y^2 + \frac{1}{3}x^4y^4 + 5\frac{7}{12}y^4\right) + \left(\frac{5}{7}y^4 + 1\frac{1}{6}x^4y^4 + 4\frac{1}{2}y^2\right)$$

$$1093) \left(1\frac{4}{13}u^3v^5 + 1\frac{2}{5}u^4v^3\right) - \left(-\frac{2}{11}u^4v^5 - 1\frac{1}{10}u^3v^5 - 3\frac{1}{6}u\right) + \left(7\frac{5}{7}u - 1\frac{3}{13}u^3v^5 + 2\frac{7}{8}u^4v^5\right)$$

$$1094) \left(4\frac{1}{14}u^2v^4 + 1\frac{2}{7}u^5v^2\right) - \left(-\frac{2}{13}u^5v^2 + u^2v^5 - 2\frac{1}{7}u^4\right) - \left(5\frac{4}{9}u^4 + 1\frac{2}{3}u^2v^5 + \frac{1}{3}u^2v^4\right)$$

$$1095) (2y - 2xy^2) - \left(2\frac{1}{3}y - 3\frac{7}{8}x^2 + 1\frac{5}{14}y^4\right) - \left(1\frac{7}{12}x^2 - 1\frac{1}{8}y^4 - 1\frac{3}{10}y\right)$$

$$1096) \left(2x^5y - 1\frac{2}{3}x^4\right) - \left(\frac{5}{14}x^3y^5 - \frac{7}{10}x^5 - \frac{1}{6}x^4\right) - \left(-\frac{2}{11}x^5 - 5x^4 - 1\frac{1}{2}x^3y^5\right)$$

$$1097) \left(\frac{8}{13}m^2n^5 - 5\frac{1}{5}m^4n^4\right) + (-10m^2n^5 - 2 + 2m^4n^4) - \left(1\frac{2}{9} - \frac{1}{6}m^4n^4 - \frac{1}{6}m^2n^5\right)$$

$$1098) \left(1\frac{2}{5}x^3y^5 + 4\frac{10}{13}x^5y^3\right) + \left(-3\frac{3}{7}x^3 - 2\frac{1}{6}x^5y^3 + \frac{7}{12}x^3y^5\right) - \left(4\frac{5}{6}x^3y^5 + 3\frac{1}{6}x^5y^3 - 2x^3\right)$$

$$1099) \left(2\frac{6}{7}a^5b^2 - 3\frac{3}{4}a^3b^2\right) + \left(-1\frac{1}{12}a^3b^2 + 2a^5b^2 - 1\frac{1}{11}ab^3\right) - \left(-2ab^3 + 1\frac{1}{2}a^2b + 1\frac{5}{12}a^3b\right)$$

$$1100) \left(\frac{4}{9}x^5y + 3\frac{3}{5}\right) - \left(5\frac{1}{3}xy^3 + 11x^2y^3 - 1\frac{2}{9}x^5y\right) - \left(-2\frac{1}{14}x^2y^3 + 4x^5y - 3\frac{5}{6}x^2\right)$$

$$1101) \left(1\frac{9}{11}x^3y^2 - \frac{3}{10}x^2y^5\right) + \left(7\frac{6}{7}x^2y^5 + \frac{5}{6}xy^5 - 1\frac{1}{3}x^5y\right) - \left(\frac{15}{16}x^2y^5 - 3\frac{7}{13}x^3y^2 + 7\frac{7}{19}xy^5\right)$$

$$1102) \left(2mn^3 - 13\frac{3}{10}m^5n\right) + \left(1\frac{7}{8}m^4n + 9\frac{4}{13}mn^3 + 1\frac{11}{17}m^5n\right) - \left(2m^4n - \frac{1}{3}mn^3 + 1\frac{2}{5}m^5\right)$$

$$1103) \left(1\frac{1}{3}u^2 + v^2\right) + \left(\frac{13}{14}u^2 + 1\frac{2}{5}u^4v^5 + 1\frac{2}{9}v^2\right) + \left(\frac{2}{3}u^2v^3 - \frac{2}{19}u^2 - 1\frac{2}{3}u^4v^5\right)$$

$$1104) \left(5\frac{16}{19}x^4y^4 - 1\frac{1}{4}x^5y^3\right) - \left(\frac{2}{3}x^4y - \frac{9}{14}x^4y^3 + 5\frac{2}{15}y\right) - \left(11\frac{11}{18}x^4y + 1\frac{13}{17}y + 1\frac{4}{5}x^4y^4\right)$$

$$1105) \left(4\frac{1}{6}x^5y^5 + 3\frac{3}{5}x^2y^3\right) - \left(4\frac{1}{6}x^2y^3 - 1\frac{2}{3}xy - 1\frac{1}{5}x^5y^5\right) - \left(\frac{14}{15}x^5y^5 - x^2y^3 + 2\frac{16}{19}x^2y^4\right)$$

$$1106) \left(16x^2 + \frac{1}{2}x^2y^5\right) - \left(1\frac{4}{7}x^5y^2 - \frac{4}{15}x^2y^5 + 7\frac{8}{19}x^2\right) - \left(x^2 + 7\frac{6}{17}x^5y^2 - 1\frac{8}{11}x^2y^5\right)$$

$$1107) (2a^4b^5 + b^3) - \left(2\frac{9}{20}ab^5 - \frac{1}{3}a + 8\frac{13}{20}a^4b^5\right) + \left(3\frac{5}{11}a^2b^3 - \frac{1}{4}ab^5 + 10\frac{5}{6}a\right)$$

$$1108) \left(1\frac{1}{3}a^3b^2 + \frac{9}{19}a^5b^4\right) + \left(3\frac{9}{10}a^3b^2 + 6\frac{2}{15} - 8a^5b^4\right) + \left(\frac{3}{8} - 9a^3b^2 + 3\frac{13}{20}a^5b^4\right)$$

$$1109) \left(9\frac{6}{7}xy^2 + 1\frac{5}{8}xy^5\right) - \left(\frac{3}{7}xy^2 - 3\frac{1}{5}y^5 + 1\frac{2}{5}xy^5\right) + \left(1\frac{1}{2}xy^5 + 2\frac{8}{9}y^5 - 1\frac{1}{17}xy^2\right)$$

$$1110) \left(1\frac{1}{9}x^2y^4 + 5\frac{6}{13}x^4y^5\right) - \left(9\frac{3}{16}x^4y^5 + 4\frac{1}{4}xy^3 + 8\frac{1}{13}x^2y^4\right) - \left(2\frac{9}{10}xy^3 + 1\frac{1}{8}x^4y^5 + 2x^2y^4\right)$$

$$1111) \left(7\frac{3}{4}x^3y^5 - \frac{3}{5}xy^4\right) - \left(x^2y - 2\frac{1}{13}y + 8\frac{4}{17}x^3y^5\right) + \left(1\frac{3}{5}x^3y^5 + 2x^2y + 7\frac{2}{5}xy^4\right)$$

$$1112) \left(\frac{7}{12}u^2v - 2\frac{1}{4}u^5v^4\right) - \left(\frac{7}{10}u^2v + \frac{2}{3}v^5 - \frac{8}{17}u^4v^4\right) + \left(\frac{3}{8}v^5 + 1\frac{6}{11}u^4v^4 + 1\frac{13}{19}u^2v\right)$$

$$1113) \left(1\frac{2}{9}y^2 + 6\frac{11}{17}x^3y^3\right) + \left(\frac{1}{2}x^3y + \frac{2}{3}y^3 + 1\frac{19}{20}y^2\right) - \left(3\frac{2}{3}y^2 + 5\frac{5}{7}x^3y^3 - 1\frac{4}{17}y^3\right)$$

$$1114) \left(9\frac{3}{5}x^2y^3 + x^2\right) - \left(1\frac{5}{9}x^2y^3 + 10\frac{4}{5}y + \frac{4}{11}x^4\right) + \left(1\frac{1}{13}y^5 + x^4 - \frac{3}{5}x^2\right)$$

$$1115) \left(2n^2 + 1\frac{2}{3}m^3n^3\right) + \left(1\frac{4}{15}n^2 + 2m^3 - 1\frac{2}{19}m^2n^2\right) + \left(\frac{1}{11}n^2 + 3\frac{11}{20}m^3 - \frac{2}{5}m^3n^3\right)$$

$$1116) \left(1\frac{3}{8}y^4 + 2\frac{3}{13}x^3y\right) + \left(\frac{1}{3}x^3y + 1\frac{2}{7}y^4 + \frac{1}{17}x^4\right) - \left(\frac{10}{11}y^4 - 1\frac{5}{16}x^4 + 6\frac{4}{7}x^3y\right)$$

$$1117) \left(\frac{5}{7}y + 3\frac{1}{19}x^2\right) - \left(1\frac{5}{18}y + 6\frac{11}{16}x^2 - 1\frac{3}{19}x^3y^4\right) + \left(2x^3y^4 + 1\frac{7}{9}y + 9\frac{5}{12}x^3\right)$$

$$1118) \left(2\frac{17}{18}x^3y^4 + 3\frac{2}{3}x^4y^5\right) - \left(1\frac{1}{5}x^3y^4 + \frac{3}{16}x^4y^5 - 1\frac{9}{19}y^2\right) + \left(1\frac{1}{11}x^3y^4 + 7\frac{13}{15}x^4y^5 + 1\frac{3}{4}y^2\right)$$

$$1119) \left(\frac{4}{5}u^5v^5 + \frac{5}{7}u^4v^4\right) + \left(8\frac{7}{8}u^3v^2 - \frac{3}{5}u^4v^4 - 3\frac{3}{13}u^5v^5\right) - \left(10\frac{3}{7}u^5v^5 - \frac{1}{2}u^3v^2 + 7\frac{2}{3}u^4v^4\right)$$

$$1120) (m^2n^4 + 2m^4n^3) - \left(\frac{5}{17}m^4n^4 + 2\frac{19}{20}mn - 9m^2n^4\right) + \left(9\frac{11}{18}m^2n^4 - 1\frac{2}{3}m^4n - 2\frac{1}{6}mn\right)$$

$$1121) \left(8\frac{5}{14}x^5y^2 - 1\frac{3}{4}x^4y^4\right) - \left(1\frac{3}{20}x^2y^3 - 1\frac{6}{11}x^5y^2 + 2\frac{2}{5}x^4y^4\right) + \left(1\frac{10}{17}x^4y^4 - 1\frac{1}{7}x^5y^2 + \frac{14}{15}x^2y^3\right)$$

$$1122) \left(8\frac{10}{13}m^2n^3 + \frac{5}{13}m^4n\right) - \left(1\frac{9}{14}m^4n + 5\frac{3}{5}m^3n^3 + 3\frac{1}{7}m^2n^3\right) + \left(1\frac{7}{8}m^3n^3 - 2m^4n - 2m^2n^3\right)$$

$$1123) \left(2x^5y^4 + 1\frac{1}{3}x^3y^5\right) - \left(2\frac{8}{9}x^3y^5 - 3\frac{2}{9}x^4y^2 + 10\frac{2}{7}x^5y^4\right) - \left(1\frac{5}{17}x^5y^4 - 2\frac{1}{6}y - 14x^4y^2\right)$$

$$1124) \left(10\frac{2}{5}a^5b^4 + 6\frac{11}{14}ab^4\right) - \left(1\frac{9}{17}b^4 + 1\frac{8}{13} + 4\frac{7}{15}a^5b^4\right) - \left(1\frac{10}{17}a^5b^4 - 1\frac{1}{3} + 17\frac{4}{5}b^4\right)$$

$$1125) \left(\frac{3}{8}v^5 + 6\frac{1}{12}u^5\right) - \left(3\frac{5}{8}v^5 + 3\frac{6}{11}uv^2 - 1\frac{9}{10}u^4v^3\right) + \left(1\frac{5}{8}uv^2 + 2u^3v^5 - \frac{4}{15}v^5\right)$$

$$1126) \left(\frac{1}{4}m^5n^5 + \frac{1}{13}m^5\right) + \left(5\frac{3}{20}m^5 - \frac{2}{19}m^2n^4 - 2mn^2\right) + \left(8\frac{5}{12}mn^3 + \frac{2}{15}mn^2 + 3\frac{1}{6}m^2n^4\right)$$

$$1127) \left(1\frac{2}{5}x^2y^4 - 6x^2y^2\right) - \left(3\frac{1}{10}x^2y^2 - 1\frac{8}{11}xy^3 - 6\frac{2}{7}x^2y^4\right) + \left(4\frac{3}{4}x^2y^4 - 7xy^3 + 1\frac{1}{2}x^2y^2\right)$$

$$1128) \left(1\frac{1}{7}a^2b^2 - \frac{2}{9}a^5b^2\right) + \left(4\frac{2}{13}a^3b^3 - 3\frac{13}{14}a^2b^2 + 4\frac{4}{11}a^5b^2\right) - \left(\frac{4}{5}a^5b^2 + \frac{3}{7}a^3b^3 + 1\frac{2}{9}a^2b^2\right)$$

$$1129) \left(1\frac{1}{2} + 2u\right) - \left(\frac{7}{20}u^5v^5 - 1\frac{3}{4}uv^3 + 4\frac{4}{5}\right) + \left(5\frac{5}{12}u + \frac{4}{5}u^5v^5 - 1\frac{2}{3}uv^3\right)$$

$$1130) \left(\frac{1}{18}x^3y + 1\frac{15}{19}xy^4\right) - \left(2\frac{1}{2}xy^4 + 4\frac{10}{13}x^3y + 1\frac{1}{15}x^4y^4\right) - \left(1\frac{10}{17}xy^4 - 3\frac{13}{16}x^4y^4 + 14\frac{1}{3}x^3y\right)$$

$$1131) \left( \frac{5}{8}x^5y^4 + 1\frac{11}{19}x^4y^5 \right) + \left( \frac{1}{4}x^4y^5 + 4\frac{5}{11}x^3 + 2x^5y^4 \right) - \left( 4\frac{11}{12}x^5y^4 + 9\frac{3}{19}x^4y^5 + 2\frac{8}{9}x^4y^3 \right)$$

$$1132) \left( 1\frac{1}{2}y - 1\frac{2}{9}x^5y^5 \right) + \left( 6\frac{7}{11}y + \frac{1}{3}x^5y^5 + 13\frac{1}{10}x^5y \right) + \left( 6\frac{11}{15}y - \frac{2}{17}x^3y^2 - \frac{5}{8}x^5y^5 \right)$$

$$1133) \left( 1\frac{7}{12}mn^4 + 1\frac{2}{3}mn \right) - \left( 7mn - \frac{2}{3}n^3 - 2\frac{4}{5}mn^4 \right) - \left( 2mn + 1\frac{7}{13}mn^4 - 16\frac{1}{12}mn^2 \right)$$

$$1134) \left( 9\frac{2}{7}u^4v^2 - \frac{1}{2}u^2v \right) + \left( 2\frac{5}{9}u^3 - 1\frac{8}{11}u^4v^2 + 1\frac{1}{6}u^3v^2 \right) - \left( \frac{1}{14}u^3 + 9\frac{2}{7}u^3v^2 + 1\frac{7}{13}u^2v \right)$$

$$1135) \left( 13x^5y^2 + \frac{1}{2} \right) - \left( \frac{1}{9}x^5y^2 + 2\frac{5}{8}x^3y^5 + 7\frac{2}{13}y^3 \right) - \left( 1\frac{1}{2}y^3 - \frac{2}{3}x^3y^3 + 1\frac{3}{7}x^3y^5 \right)$$

$$1136) \left( 16m^4n^5 - \frac{7}{13}mn^2 \right) + \left( 1\frac{1}{3}mn^2 + m^4n^5 + \frac{3}{13}m^2n^4 \right) - \left( 2m^4n^5 + 10\frac{2}{9}m^2 + 9\frac{1}{3}m^2n^4 \right)$$

$$1137) \left( 8\frac{1}{8}u^5v^3 + 8\frac{2}{15}u^4v^2 \right) - \left( 1\frac{1}{2}uv^4 - \frac{8}{11}u^2 - 1\frac{13}{17}u^2v^3 \right) - \left( 1\frac{1}{3}u^2v^3 + \frac{1}{7}u^2 + 7\frac{1}{2}uv^4 \right)$$

$$1138) \left( \frac{4}{5}x^5y^5 + \frac{1}{2}xy^5 \right) + \left( \frac{1}{2}x^5y^5 + \frac{1}{4}xy^5 - 3\frac{1}{4}x^3y^2 \right) + \left( \frac{1}{3}x^5y^5 - 1\frac{1}{6}xy^5 + 3\frac{1}{6}xy \right)$$

$$1139) \left( 1\frac{8}{15}x^3 - \frac{3}{11}x^2y^5 \right) + \left( 9\frac{5}{6}x^3 + x^5y^4 + 1\frac{5}{7}x^4y^3 \right) + \left( 16x^4y^3 + 5x^3 + \frac{5}{16}x^2y^5 \right)$$

$$1140) \left( 19x^5y^2 - \frac{9}{19}x^3y^3 \right) + \left( \frac{7}{19}x^3y^3 + 5\frac{7}{11}x^5y^2 + \frac{7}{19}y^3 \right) - \left( 6\frac{13}{17}x^5y^2 + 4\frac{9}{20}x^3y^3 + \frac{10}{17}y^3 \right)$$

$$1141) \left( 7\frac{1}{4}m^2n^2 - \frac{7}{16}m^5n^4 \right) - \left( 1\frac{9}{16}n + \frac{1}{2}m^2n^2 + 2\frac{19}{20}m^5n^4 \right) + \left( 8\frac{9}{20}n + 1\frac{3}{4}m^5n^4 - 12m^2n^2 \right)$$

$$1142) \left( 1\frac{3}{14}x^2y^2 - 2x^3y^4 \right) + \left( 4\frac{5}{6}x^3y^4 + 2\frac{5}{11}x^2y^2 - 1\frac{7}{9}x \right) - \left( 1\frac{3}{4}x^3y^4 + \frac{11}{16}x - \frac{9}{10}x^2y^2 \right)$$

$$1143) \left( \frac{1}{6}x^4y^4 + \frac{7}{11}x^5y^3 \right) + \left( 8\frac{13}{17}x^5y^3 + \frac{7}{13}x^4y^4 - \frac{1}{2}x^2y^4 \right) + \left( 9\frac{4}{11}x^5y^3 + 5\frac{1}{14}x^4y^4 + 9\frac{1}{3}x^2y^4 \right)$$



$$1144) \left(9\frac{16}{17}y + 1\frac{2}{17}x^3y^3\right) - \left(\frac{7}{8}x^3y^3 - 2\frac{3}{20} + 9\frac{12}{13}x^2y^3\right) - \left(1\frac{3}{4}x^2y^3 + 2 + 8\frac{1}{6}x^3y^3\right)$$

$$1145) \left(3\frac{3}{8}x^2 + 5\frac{11}{13}x^4y^2\right) + \left(8x^2 + 9\frac{4}{13}x^3y + 16\frac{11}{15}x^4y^2\right) + \left(4\frac{11}{19}x^3y - \frac{1}{4}x^2 - 1\frac{4}{9}x^4y^2\right)$$

$$1146) \left(a^3b^5 + 1\frac{5}{16}a^5b^5\right) - \left(9\frac{1}{12}a^5b^2 - 1\frac{1}{16}a^3b^5 + 1\frac{3}{5}b^2\right) + \left(\frac{1}{20}b^2 + 1\frac{12}{17}a^3b^5 - 3\frac{9}{13}a^5b^5\right)$$

$$1147) \left(\frac{2}{3}b^4 + 2\frac{1}{3}a^4b\right) + \left(2b^4 + 8\frac{2}{5}ab^2 + 10\frac{5}{8}\right) - \left(15ab^2 + 2b^4 + 1\frac{1}{20}\right)$$

$$1148) \left(1\frac{6}{11}x^2y^5 - 10x^3y^3\right) - \left(6\frac{1}{7}xy^2 + \frac{7}{18}x^2y^5 - 2\frac{13}{20}x^5y\right) - \left(10\frac{13}{18}x^2y^5 + 10\frac{7}{15}x^5y - \frac{1}{11}xy^2\right)$$

$$1149) (8mn + 8m^3n) - \left(1\frac{5}{19}mn - 1\frac{7}{12}mn^3 + 5\frac{4}{9}n^3\right) - \left(9\frac{1}{18}n^3 + 8\frac{1}{6}m^3n + \frac{3}{7}mn^3\right)$$

$$1150) \left(4\frac{5}{6}x^2y^3 + \frac{9}{10}y^3\right) - \left(3\frac{1}{9}xy^4 - 1\frac{7}{17}x^2y^3 - 2\frac{13}{18}y^3\right) - \left(1\frac{9}{10}x^4y + 4\frac{5}{8}xy^3 + 6x^2y^3\right)$$

$$1151) \left(\frac{7}{8}m^4n^3 + \frac{2}{9}m^4n\right) - \left(1\frac{3}{7}m^3n^3 + \frac{3}{5}n^5 + 10\frac{2}{9}mn^4\right) + \left(\frac{1}{2}mn^4 + \frac{3}{10}m^4n + 1\frac{3}{11}m^4n^3\right)$$

$$1152) \left(1\frac{4}{15}uv + 1\frac{5}{14}u^4v^2\right) - \left(uv^2 + 1\frac{5}{12}uv + 17u^4v^2\right) + \left(\frac{1}{2}u^4v^2 + 3\frac{15}{17}uv + 2uv^2\right)$$

$$1153) \left(\frac{2}{7}x^3y^2 + \frac{5}{9}x^4\right) + \left(9x^4 - \frac{3}{11}x^2y^2 + \frac{3}{19}x^3y^2\right) + \left(\frac{5}{6}x^3y^2 + 1\frac{5}{6}x^2y^2 + 1\frac{17}{20}x^4\right)$$

$$1154) \left(7\frac{7}{11}v^2 + 3\frac{5}{9}u^5v^5\right) - \left(6\frac{7}{20}v^2 + \frac{18}{19}v^4 + \frac{5}{9}u^5v^5\right) - \left(14u^5v^5 + 3\frac{1}{3}v^4 + 6v^2\right)$$

$$1155) \left(9\frac{1}{3}y^3 + \frac{11}{15}xy^4\right) - \left(1\frac{1}{4}xy^4 + 1\frac{5}{7}y^3 - 2x^3y^3\right) - \left(13x^3y^3 + 1\frac{1}{8}xy^4 + 7\frac{7}{9}y^3\right)$$

$$1156) \left(10\frac{12}{17}x^2y^3 + 17\frac{4}{9}x^3y^5\right) - \left(1\frac{4}{9}x^3y^5 + \frac{7}{20}x^2y^3 + \frac{4}{5}y\right) + \left(\frac{3}{11}x^2y^3 - 5x^5y - \frac{1}{5}x^3y^5\right)$$

$$1157) \left(1\frac{5}{6}m^4n^5 - \frac{1}{3}n^4\right) + \left(1\frac{4}{11}mn - \frac{1}{6}m^3n^3 + \frac{3}{5}n^4\right) + \left(8\frac{3}{7}mn + \frac{4}{5}m^3n^3 - 1\frac{3}{5}m^4n^5\right)$$

$$1158) \left(7\frac{5}{18}a^2 + 1\frac{4}{7}ab^4\right) - \left(10\frac{5}{6}ab^4 + \frac{19}{20}ab^2 - 1\frac{6}{19}a^2\right) + \left(\frac{3}{8}ab^2 + 9\frac{2}{3}ab^4 + 1\frac{1}{2}a^2\right)$$

$$1159) (7m^4n^3 - 19m^3n^2) - \left(4\frac{5}{16}m^5 + 8\frac{1}{13}m^4n^3 + 1\frac{5}{11}m^4n^2\right) + \left(8\frac{1}{6}m^3n^2 + 10\frac{1}{2}m^4n^2 + 2\frac{10}{13}m^5\right)$$

$$1160) \left(1\frac{1}{9} + x\right) - \left(\frac{2}{5}y^2 - \frac{2}{5}x^5y^2 - \frac{3}{7}\right) + \left(2\frac{1}{3}y^2 + 1\frac{5}{6}x^5y^2 - \frac{4}{9}x\right)$$

$$1161) \left(4\frac{2}{5}x^2y^5 - \frac{4}{7}x^2y\right) - \left(1\frac{4}{5}x^3y^2 + 8\frac{5}{8}x^2y - 1\frac{3}{5}\right) + \left(\frac{9}{20} + 1\frac{13}{18}x^3y^2 + 9\frac{17}{20}x^2y^5\right)$$

$$1162) \left(1\frac{11}{12}u^5v^2 + 1\frac{1}{7}u^3v^2\right) - \left(20v^5 + 5\frac{11}{13}u^3v + \frac{8}{9}u^5v^2\right) + \left(u^2v - 1\frac{2}{15}u^3v - 2\frac{7}{12}u^3v^2\right)$$

$$1163) \left(5\frac{13}{15}a^2b^4 - 1\frac{5}{9}a^2b\right) + \left(1\frac{2}{5}a^2b + \frac{1}{7}a^2b^4 - 2\frac{5}{6}a^3b^4\right) + \left(\frac{2}{3}a^2b + 1\frac{2}{3}a^2b^4 - \frac{4}{19}a^3b^4\right)$$

$$1164) \left(1\frac{2}{7}x^4y^2 - 2x^5y\right) + \left(1\frac{5}{8}x^3y^4 + 10\frac{7}{12}x^5y + 1\frac{7}{16}x^4y^2\right) - \left(10\frac{8}{11}x^5y - 1\frac{5}{13}x^3y^4 + \frac{3}{10}x^4y^2\right)$$

$$1165) \left(5\frac{8}{19}m^2n^2 + 2\frac{3}{16}m^2\right) + \left(11m^5n + 10\frac{5}{7}m^5 + 1\frac{2}{5}m^2n^2\right) - \left(2m^5n + 12\frac{1}{10}m^2n^2 - 1\frac{5}{6}m^2\right)$$

$$1166) \left(15x^4 + 2\frac{8}{15}x^5y^5\right) - \left(\frac{17}{18}x^4 - \frac{2}{19} + 1\frac{10}{13}x^5y^5\right) - \left(6\frac{3}{10}x^4 + \frac{1}{17} + 6\frac{1}{3}x^5y^5\right)$$

$$1167) \left(2xy + \frac{2}{3}x^3\right) + \left(1\frac{3}{17}x^3 + 5\frac{3}{14}xy - 1\frac{3}{8}x^2y^3\right) + \left(3\frac{5}{14}xy - 15x^2y^4 + \frac{4}{15}x^3\right)$$

$$1168) \left(11\frac{13}{16}u^5v^3 + 2\frac{11}{14}u^4v^2\right) - \left(1\frac{17}{18}u^4v^2 + 6\frac{7}{16}u^5v^3 - 2u^3\right) + \left(4\frac{7}{15}u^5v^5 + 5\frac{4}{9}u^3 + \frac{1}{2}u^4v^2\right)$$

$$1169) \left(1\frac{1}{2}x^2y^5 + 9\frac{4}{9}xy^2\right) + \left(11x^2y^5 + 8\frac{1}{12}x^5y^2 + 6\frac{1}{6}xy^2\right) + \left(8\frac{7}{10}x^5y^2 + 4\frac{14}{15}xy^2 - \frac{1}{18}x^2y^5\right)$$

$$1170) \left(8\frac{1}{4}u^2 + \frac{4}{5}u^3v\right) - \left(1\frac{13}{19}uv^5 + \frac{1}{13}u^3v + 8\frac{6}{7}u^2\right) + \left(\frac{9}{16}u^3v + 4\frac{14}{15}u^4v^3 + 1\frac{1}{10}uv^5\right)$$

$$1171) \left(1\frac{1}{4}x^3y^5 - \frac{1}{4}y^3\right) + \left(\frac{5}{12} + 8\frac{5}{12}x^3y^5 + 10\frac{1}{6}xy\right) + \left(\frac{2}{3}xy + 4\frac{7}{10}x - \frac{2}{5}x^3y^5\right)$$

$$1172) \left(6\frac{2}{7}xy - 1\frac{3}{5}x^3\right) - \left(1\frac{5}{7}xy + 3\frac{8}{15}x^3 + 1\frac{13}{19}y^4\right) - \left(7\frac{1}{2}xy - \frac{5}{7}x^3 + 1\frac{3}{4}y^4\right)$$

$$1173) \left(1\frac{7}{17}m^2n^3 - 1\frac{3}{7}mn^2\right) + \left(1\frac{11}{16}n - 2\frac{4}{19} + 8\frac{5}{8}mn^2\right) + \left(1\frac{3}{11}m^2n^3 - 1\frac{15}{17}mn - 1\right)$$

$$1174) \left(1\frac{1}{5}x^5y - 1\frac{1}{19}y\right) - \left(9\frac{9}{11}y + 10\frac{1}{5}x^5y^5 + 10\frac{10}{19}x^5y\right) + \left(1\frac{1}{2}x^5y^5 + 13y + 2\frac{5}{11}y^3\right)$$

$$1175) \left(1\frac{3}{11}x^5y^4 + \frac{1}{16}y\right) - \left(10\frac{3}{4}y - 3\frac{11}{14}x^5y^4 + 4\frac{1}{4}xy^3\right) + \left(3\frac{3}{4}x^5y^4 + 1\frac{5}{17}y + 9\frac{11}{18}xy^3\right)$$

$$1176) \left(1\frac{2}{3}x^3y^2 - 1\frac{13}{18}x^2y\right) + \left(2\frac{1}{2}x^3y^2 - 1\frac{5}{8}x^2y + 1\frac{5}{8}y^4\right) + \left(6\frac{13}{16}x^3y^2 - \frac{7}{11}y^4 - 1\frac{13}{16}x^2y\right)$$

$$1177) \left(\frac{11}{14}x - 2\frac{1}{10}x^3\right) + \left(3\frac{7}{10}x^3 + 8\frac{5}{6}x + 6\frac{5}{13}\right) - \left(1\frac{1}{3}x^3 - 1\frac{1}{4}x + 1\frac{15}{16}\right)$$

$$1178) \left(\frac{6}{11}a^3b^4 - 1\frac{1}{2}ab\right) + \left(\frac{11}{13}a^2 + 1\frac{1}{7}a^2b - 10a^3b^4\right) + \left(\frac{2}{3}ab + 4\frac{5}{12}a^2b + \frac{1}{9}a^3b^4\right)$$

$$1179) \left(5\frac{18}{19}ab^5 + 2a^2\right) + \left(2\frac{4}{17}ab^3 + 5\frac{16}{19}ab^5 + 1\frac{13}{14}a^5b^4\right) - \left(1\frac{9}{16}a^5b^4 - 2ab^5 - 3\frac{3}{4}a^2\right)$$

$$1180) \left(4\frac{17}{18}u^4v^4 + 20\frac{9}{16}uv^2\right) - \left(2uv^5 + 2\frac{1}{2}u^4v^4 + \frac{5}{6}u^5v^2\right) + \left(7\frac{8}{15}v^4 + 9\frac{3}{4}uv^2 + \frac{1}{2}uv^5\right)$$

$$1181) \left(5\frac{13}{14}x^5 - 1\frac{1}{2}x^2y^3\right) - \left(9\frac{9}{11}xy^3 - 1\frac{1}{2}x^3 + 8\frac{3}{7}x^2y^3\right) + \left(1\frac{4}{5}x^2y^3 + 9\frac{12}{13}xy^3 + 8\frac{10}{19}x^5\right)$$

$$1182) \left(5\frac{1}{2}y + 10\frac{1}{2}\right) + \left(9\frac{1}{18}x^5y - 1\frac{5}{7}y - 1\frac{3}{8}\right) - \left(7\frac{5}{7}y + 1\frac{1}{3}x^5y - 16x^3\right)$$

$$1183) \left( y + 1\frac{16}{19}x^3y^4 \right) + \left( 7\frac{5}{11}x^3y^4 - \frac{2}{3}x^5 + 2y \right) + \left( 1\frac{4}{5}y - \frac{9}{14}x^3y^4 - 19x^2y \right)$$

$$1184) \left( 2\frac{3}{4}uv + 7\frac{7}{10}u^4v^3 \right) + \left( \frac{4}{15}u^4v + 7\frac{3}{8}u^4v^3 + 5\frac{4}{15}uv \right) + \left( 10uv - 1\frac{2}{5}u^4v + 5\frac{2}{15}u^4v^3 \right)$$

$$1185) \left( 8\frac{10}{19}a + 9\frac{1}{4} \right) - \left( 7\frac{3}{4}a - 1\frac{13}{15}a^2b^4 - 4\frac{5}{18} \right) + \left( \frac{7}{10}a^2b^4 + 18a + 9\frac{4}{7} \right)$$

$$1186) \left( 2x^5y^2 + 1\frac{5}{7}x^5y^4 \right) - \left( 2\frac{11}{16}x^4y^5 + \frac{2}{3}x^5y^4 - 1\frac{1}{2}x^5y^2 \right) - \left( 3\frac{1}{13}x^4y^5 + \frac{7}{10}x^5y^2 + 9\frac{2}{5}x^5y^4 \right)$$

$$1187) \left( 10\frac{4}{11}y^5 + 1\frac{2}{11}x^4 \right) - \left( 1\frac{3}{7}x^4 + y^5 + \frac{2}{7}x^4y \right) - \left( 1\frac{7}{8}y^5 + \frac{10}{13}x^4 + 1\frac{1}{11}x^4y \right)$$

$$1188) \left( 1\frac{1}{15}xy^5 - 2\frac{1}{14}x^2 \right) - \left( \frac{1}{5}xy^5 - 7xy - 2\frac{5}{6}x^4y^4 \right) - \left( 6\frac{4}{9}x^3 - 3\frac{6}{7}xy^5 + 14x^2 \right)$$

$$1189) \left( 2mn^2 + 3\frac{1}{2}m^2n^2 \right) - \left( 1\frac{1}{6}m^3n + 5\frac{1}{12}mn^2 + 2\frac{13}{14}m^5n \right) + \left( 1\frac{1}{2}m^4n^5 - 1\frac{6}{7}mn^2 + \frac{6}{13}m^5n \right)$$

$$1190) \left( \frac{5}{6}a^3b^4 + 2\frac{7}{12}ab^3 \right) - \left( 8\frac{3}{14}a^3b^4 + 1\frac{1}{6}a^5 + 10\frac{1}{2}ab^3 \right) + \left( 1\frac{5}{14}a^4b^5 + 8\frac{2}{17}ab^3 + \frac{17}{19}a^5 \right)$$

$$1191) \left( \frac{3}{10}n + 1\frac{3}{4}m^4n^2 \right) - \left( \frac{13}{19}m^5n^4 - \frac{3}{4}m^4 + 8\frac{17}{19}m^4n^2 \right) + \left( 1\frac{1}{13}m^5n^4 - \frac{1}{5}n - 5\frac{11}{14}m^4 \right)$$

$$1192) \left( 9\frac{2}{3}x^5y^2 + 1\frac{1}{3}x \right) - \left( \frac{4}{5}x^2 + 1\frac{9}{16}x - 2\frac{5}{14}x^4 \right) - \left( 1\frac{9}{13}x^2 + 1\frac{5}{7}x^5y^2 - 20x \right)$$

$$1193) \left( 1\frac{7}{11}x^2y^5 + 10\frac{2}{15}x^5y^2 \right) - \left( 3\frac{1}{3}x^5y^3 + \frac{1}{4}x^2y^5 + 1\frac{1}{2}x^5y^2 \right) - \left( 1\frac{3}{10}xy + 9\frac{1}{7}x^5y^2 + 1\frac{1}{3}x^5y^3 \right)$$

$$1194) \left( 7\frac{12}{13}uv^5 - \frac{17}{18}u^3v^5 \right) - \left( 6\frac{7}{8}uv^5 - 1\frac{1}{2}u^3v^5 + \frac{1}{5}u^2v^5 \right) + \left( 3\frac{8}{11}u^2v^2 - 2uv^5 - 2 \right)$$

$$1195) \left( 5\frac{17}{19}y^3 + 1\frac{1}{2}x^5y \right) + \left( 6\frac{3}{8}y^3 - 1\frac{13}{16}x^5y - \frac{1}{9}x^2y^4 \right) + \left( 3\frac{1}{7}x^5y + \frac{4}{5}x^4y^2 + 1\frac{1}{2}y^3 \right)$$

$$1196) \left(9\frac{7}{12}x^3y + 7\right) + \left(3\frac{17}{20} - 1\frac{4}{5}x^3y + 2xy^3\right) - \left(6\frac{9}{11}x^3y - xy^3 - 1\frac{3}{14}\right)$$

$$1197) \left(\frac{1}{14}x^4y^4 + 4\frac{9}{11}y^5\right) - \left(4\frac{2}{7}x^4y^4 + 19\frac{5}{18} - 2\frac{2}{5}y^5\right) + \left(x^4y^4 - \frac{10}{11}y^5 - \frac{1}{3}\right)$$

$$1198) \left(9a^2b^2 + 5\frac{3}{8}b^5\right) - \left(\frac{1}{3}b^5 - 1\frac{1}{3}a^2b^2 - \frac{5}{6}b\right) + \left(5\frac{9}{20}b + 1\frac{1}{2}b^5 - \frac{3}{17}a^2b^2\right)$$

$$1199) \left(a^5b^4 + 7\frac{10}{13}a^3\right) - \left(2\frac{16}{19}a^4b^5 + \frac{1}{4}a^3 - a^5b^4\right) - \left(\frac{2}{5}a^3 - \frac{1}{3}a^5b^4 + 3\frac{3}{17}a^4b^5\right)$$

$$1200) \left(\frac{1}{2}x^4y^5 + 2\frac{1}{14}y^3\right) + \left(\frac{2}{5}y + 1\frac{6}{7}y^5 + 5\frac{16}{17}x^4y^5\right) - \left(1\frac{5}{7}y + 7\frac{3}{4}x^4y^5 + \frac{13}{18}y^5\right)$$

$$1201) \left(\frac{5}{19}m^2n^5 + 28\frac{2}{7}m^5\right) + \left(15\frac{4}{9}m^5 + 23\frac{7}{16} - \frac{29}{42}m^2n^5\right) - \left(m^5 + 1\frac{28}{39}m^2n^5 + 1\frac{2}{43}\right)$$

$$1202) \left(1\frac{5}{17}x^3 + 1\frac{13}{14}y^4\right) - \left(\frac{6}{35}xy^5 + 9\frac{19}{26}y^4 - 1\frac{23}{26}x^3\right) - \left(1\frac{1}{4}y^4 + 14\frac{7}{16}x^3 + 2\frac{1}{13}xy^5\right)$$

$$1203) \left(3\frac{7}{12}uv^4 - \frac{1}{26}u^5v\right) + \left(\frac{11}{14}u^4v^3 - 3\frac{1}{12}uv^4 + 44\right) - \left(1\frac{1}{2}u^4v^3 + 1\frac{5}{8} + 1\frac{2}{7}uv^4\right)$$

$$1204) \left(20\frac{17}{36}x^3y^5 - 2xy^3\right) - \left(8\frac{9}{38}x^3y^2 + 7\frac{1}{14}x^2y^3 + \frac{4}{23}x^3y^5\right) + \left(28x^3y^2 + 14\frac{1}{21}x^2y^3 + 1\frac{4}{23}x^2y^4\right)$$

$$1205) \left(22\frac{1}{7}ab^5 - \frac{3}{4}a^4b^4\right) - \left(\frac{31}{48}a^4b^4 + 1\frac{9}{10}ab^5 - 1\frac{4}{13}a^2b^3\right) - \left(1\frac{1}{2}a^4b^4 - \frac{3}{5}a^2b^3 - 1\frac{2}{5}ab^5\right)$$

$$1206) \left(27x^5y^3 + 20\frac{9}{10}x^5y\right) - \left(1\frac{17}{21}x^5y + 4\frac{21}{26}x^5y^4 + 19\frac{12}{23}x^5y^3\right) - \left(\frac{9}{13}x^5y + \frac{3}{5}x^5y^3 + 15\frac{24}{25}x^5y^4\right)$$

$$1207) \left(y^5 - \frac{1}{3}xy^3\right) - \left(16\frac{21}{26}y^5 + 21\frac{3}{22}xy^3 + \frac{2}{11}x^5y^2\right) - \left(5\frac{44}{49}x^5y^2 + 22\frac{2}{5}y^5 - 1\frac{1}{15}xy^3\right)$$

$$1208) \left(u^5v^5 + 18\frac{25}{33}u^3\right) - \left(1\frac{3}{5}u^2v + 12\frac{33}{35}u^3 - \frac{1}{13}u^5v^4\right) - \left(24\frac{15}{38}u^3 - 1\frac{5}{11}u^2v + \frac{17}{21}u^5v^2\right)$$

$$1209) \left(6\frac{1}{15}n + 1\frac{26}{29}m^5n\right) + \left(2n - 1\frac{5}{7}m^5n + 24\frac{4}{47}m^2n^5\right) + \left(25m^5n + 1\frac{11}{13}n + 7\frac{20}{37}m^2n^5\right)$$

$$1210) \left(1\frac{21}{26}m^2n^3 + 1\frac{19}{20}m\right) + \left(1\frac{1}{2}mn^4 - 3\frac{3}{10}m^2n^3 + 20\frac{2}{13}m\right) - \left(\frac{1}{3}mn^4 + 10\frac{1}{2}m - \frac{7}{25}m^2n^3\right)$$

$$1211) \left(\frac{3}{5}uv^2 - \frac{6}{11}u^3\right) + \left(1\frac{1}{13}v^5 - 1\frac{4}{5}u^3 + 21\frac{13}{18}uv^2\right) + \left(23\frac{1}{2}uv^2 - u^3 + 24\frac{17}{44}v^5\right)$$

$$1212) \left(16\frac{3}{10}x^4y^5 + 6\frac{1}{27}x^5y^3\right) + \left(23\frac{8}{17}x^5y^3 + 2\frac{17}{38}y^5 + 1\frac{3}{4}x\right) - \left(1\frac{1}{5}y^5 - \frac{7}{11}x^5y^3 + 12\frac{13}{20}x^4y^5\right)$$

$$1213) \left(\frac{19}{42}y^2 + 1\frac{11}{41}x^3y^5\right) + \left(1\frac{12}{23}y^2 + 42\frac{6}{13}x^5 - 1\frac{2}{5}x^3y^5\right) + \left(\frac{1}{2}y^4 - 1\frac{1}{6}x^3y^5 + 17\frac{14}{15}x^2y^3\right)$$

$$1214) \left(1\frac{8}{9}ab^5 + 11\frac{10}{11}\right) + \left(1\frac{1}{9}ab^5 + 37\frac{38}{45}a^2b^5 + 23\frac{9}{22}ab^2\right) + \left(11a^2b^5 + 1\frac{2}{27}a^4 - 3\frac{5}{6}\right)$$

$$1215) \left(9\frac{2}{11}a^4b^4 + 39b^4\right) + \left(12\frac{35}{46}a^4b^4 + \frac{1}{6}a^2b^3 + 13\frac{43}{49}b^4\right) - \left(2\frac{1}{3}a^2b^3 + 1\frac{11}{18}a^4b^4 - 49b^4\right)$$

$$1216) \left(1\frac{2}{5}u^3v^3 + \frac{5}{9}uv^3\right) - \left(uv^3 - 1\frac{9}{16}u^5v^3 + 22\frac{23}{50}u^3v^3\right) - \left(2u^3v^3 + 20\frac{1}{32}u^5v^3 + \frac{6}{13}uv^3\right)$$

$$1217) \left(1\frac{13}{15}x^3y^4 + 11\frac{11}{23}xy\right) - \left(25\frac{1}{27}xy - x^2y^2 + 19\frac{25}{44}x^3y^4\right) + \left(1\frac{3}{8}xy + 18\frac{15}{32}x^2y^2 - 24x^3y^4\right)$$

$$1218) \left(17\frac{5}{6}x^2y + \frac{5}{8}y^3\right) + \left(14\frac{1}{4}y^3 + 8\frac{3}{14}x^3 + \frac{1}{2}x^2y\right) + \left(\frac{14}{29}x^2y + 46\frac{41}{45}y^3 + 9\frac{2}{5}x^3\right)$$

$$1219) \left(1\frac{5}{7}x^2y^4 - \frac{5}{12}x^3y^5\right) - \left(10\frac{13}{20}x^2y^4 - 40\frac{9}{35}x^4y + \frac{11}{12}xy^5\right) + \left(3\frac{41}{50}x^3y^3 + 1\frac{10}{11}x^4y + 22\frac{23}{34}xy^5\right)$$

$$1220) \left(\frac{1}{4}x^5y^3 - x^5y^4\right) - \left(16\frac{5}{26}x^5y^3 + 20\frac{17}{50}x^2y^4 + 2x^5y^4\right) - \left(1\frac{16}{47}x^5y^3 - \frac{9}{13}x^2y^4 + 1\frac{1}{8}x^2y^5\right)$$

$$1221) \left(23\frac{5}{47}y^4 + 1\frac{1}{5}x^2y^3\right) - \left(25\frac{12}{29}x^4y^4 - 1\frac{2}{9}x^4y^3 - 1\frac{17}{21}y^4\right) + \left(\frac{6}{19}x^4y^3 + 1\frac{41}{42}x^4y^4 + \frac{9}{40}x^2y^3\right)$$

$$1222) \left( 19\frac{11}{45}u^4v + 22\frac{11}{12}u^5v \right) - \left( 1\frac{11}{24}u^5v - 1\frac{23}{38}u^4v + \frac{5}{9}u^2v^3 \right) + \left( 4\frac{11}{24}u^2v^5 + 1\frac{1}{5}u^2v^3 - 1\frac{2}{7}u^4v \right)$$

$$1223) \left( 50y - 1\frac{19}{24}x^3y^3 \right) + \left( 1\frac{3}{37}x^3y^3 - 1\frac{12}{29}x^4y^5 - 1\frac{25}{38}y \right) - \left( \frac{10}{19}x^4y^5 - 1\frac{4}{11}x^2y^4 - \frac{6}{11}x^3y^3 \right)$$

$$1224) \left( \frac{5}{42}m^2n^5 + 1\frac{1}{3}m^5 \right) - \left( 6\frac{21}{26}m^5 - 1\frac{7}{24}m^5n^4 + 28m^2n^5 \right) + \left( 4\frac{7}{13}m^4n^4 + 1\frac{19}{31}m^5 + 22\frac{24}{35}m^2n^5 \right)$$

$$1225) \left( y^2 + 1\frac{3}{16}x^4y^2 \right) + \left( 22x^4y^2 - \frac{15}{37}y^2 + 1\frac{11}{17}y^4 \right) + \left( 25\frac{2}{15}y^4 + 24\frac{9}{10}x^4y^2 - 43y^2 \right)$$

$$1226) \left( 10\frac{5}{6}uv^3 - 1\frac{23}{33}u^3 \right) - \left( 2\frac{3}{4}uv^3 + 7\frac{9}{37} + 1\frac{6}{13}u^3 \right) + \left( 2uv^3 + 25\frac{5}{8} + 1\frac{37}{47}u^3 \right)$$

$$1227) \left( 8\frac{7}{29}n^4 + \frac{30}{37}m^5n^3 \right) + \left( 1\frac{1}{26}m^2n + 4\frac{5}{19}n^4 + \frac{7}{11}m^5n^3 \right) + \left( 4\frac{20}{31}n^4 - 3\frac{20}{31}m^4n^5 - 1\frac{2}{31}m^3n^2 \right)$$

$$1228) \left( 1\frac{3}{43}x^5y^4 + 1\frac{4}{19}x^2 \right) + \left( 1\frac{3}{5}x^2 + 15\frac{1}{17}x^5y^4 + 23\frac{9}{46}x^2y \right) + \left( 1\frac{23}{24}x^2y + \frac{5}{6}xy^3 + \frac{1}{11}x^4y \right)$$

$$1229) \left( \frac{2}{11}y^4 + 25\frac{25}{42}y^2 \right) + \left( 1\frac{3}{11}x^4y^2 + 25\frac{7}{22}y^2 + 11\frac{3}{20}x^2y^2 \right) + \left( 44\frac{6}{43}x^4y + \frac{11}{27}x^4y^2 + 9x^2y^2 \right)$$

$$1230) \left( 6\frac{17}{49}a^4b^4 + 1\frac{10}{19}a^2b^3 \right) - \left( 1\frac{7}{19}b^3 - 1\frac{24}{35}a^2b^3 + 14\frac{18}{25}a^4b^4 \right) + \left( 21\frac{17}{43}a^4b^4 + 1\frac{14}{45}b^3 - \frac{25}{39}a^2b^3 \right)$$

$$1231) \left( \frac{2}{9}xy^5 - 32x^5y \right) - \left( \frac{9}{10}x^4y^3 - x^5y + 1\frac{13}{32}xy^5 \right) - \left( 1\frac{3}{10}xy^5 - \frac{13}{35}x^4y^3 + 1\frac{12}{25}x^5y \right)$$

$$1232) \left( \frac{1}{2}xy^3 + 1\frac{1}{5}xy^2 \right) + \left( 24\frac{11}{24}xy^3 + 13\frac{13}{41}x^3y^5 + 20\frac{31}{44}xy^2 \right) + \left( 1\frac{5}{29}x^3y^2 + 22\frac{1}{49}xy^3 + 1\frac{2}{27}x^3y^5 \right)$$

$$1233) \left( \frac{4}{9}m^3n^4 + 8\frac{39}{44}m^5n^5 \right) - \left( 17\frac{19}{26}m^3n^4 - 1\frac{41}{48}m^5n^5 + \frac{7}{8}m^2 \right) - \left( \frac{5}{9}m^4n^3 + 21\frac{8}{15}m^3n^4 - 1\frac{4}{41}m^5n^5 \right)$$

$$1234) \left( \frac{11}{28}y^5 - 1\frac{3}{32}xy^2 \right) - \left( 35y^3 - 2\frac{7}{26}xy^3 + 44y^5 \right) + \left( 12\frac{2}{13}xy^2 - \frac{2}{5}xy^3 - \frac{20}{43}y^3 \right)$$

$$1235) (mn^5 - 47mn) + \left(\frac{1}{3}mn + 17\frac{2}{27}m^5n^2 - 5\frac{27}{43}m^3n^2\right) + \left(1\frac{5}{13}mn + 1\frac{1}{2}m^5n^2 - 3\frac{17}{28}m^3n^2\right)$$

$$1236) \left(24\frac{27}{28}x^3y^3 + 1\frac{34}{37}x^3y^5\right) + \left(\frac{23}{41}x^2y^4 - 1\frac{5}{7}x^3y^5 - \frac{1}{3}x^5y^3\right) + \left(24\frac{9}{38}x^5y^3 - \frac{7}{34}x^3y^5 - 1\frac{31}{34}x^3y^3\right)$$

$$1237) \left(1\frac{3}{10}u^2 + 22\frac{38}{43}u^3v\right) - \left(1\frac{13}{15}u^2 + 4\frac{3}{10}u^3v - \frac{1}{3}v^3\right) + \left(1\frac{7}{10}u^3v^2 + 1\frac{1}{13}v^3 + 17\frac{3}{47}uv^5\right)$$

$$1238) \left(\frac{3}{5}x^4y - 8x^3y^4\right) - \left(16\frac{4}{15}x^4y + \frac{16}{25}x^3y^4 + 1\frac{4}{5}x^2y^2\right) - \left(4\frac{9}{13}x^4y + 8\frac{12}{47}x^3y^4 + 14\frac{3}{22}x^2y^2\right)$$

$$1239) \left(\frac{22}{49}x^5y^4 + 47\frac{13}{14}xy\right) - \left(28\frac{41}{44}x^5y^4 + 16\frac{1}{21}xy - \frac{17}{28}y^2\right) + \left(1\frac{3}{7}xy + \frac{13}{30}x^5y^4 + 1\frac{3}{47}y^2\right)$$

$$1240) \left(15\frac{3}{4}m^2n^3 + 2n^2\right) - \left(19\frac{5}{46}m^2n^3 - \frac{17}{22}n^2 + 11\frac{17}{26}m^2n^2\right) - \left(6\frac{1}{48}n^2 - 6\frac{23}{48}m^2n^2 + 6\frac{13}{45}m^2n^3\right)$$

$$1241) \left(5\frac{14}{45}a^4 + 1\frac{11}{45}a^4b^5\right) + \left(\frac{3}{31}a^3b^3 - 48\frac{34}{47}a^4b^5 + 22\frac{26}{29}a^4\right) - \left(24\frac{32}{33}a^3b^3 + 23\frac{2}{3}a^4b^5 - \frac{8}{15}a^4\right)$$

$$1242) \left(1\frac{2}{3}u^5v^2 + 17\frac{47}{48}uv^4\right) - \left(25\frac{2}{5}u^5v^2 + 10\frac{3}{4}uv^5 - 1\frac{10}{31}u^3v^3\right) + \left(\frac{4}{11}u^5v^3 + 1\frac{9}{37}uv^4 - \frac{1}{2}u^5v^2\right)$$

$$1243) \left(17\frac{5}{18}x^4y^3 + \frac{1}{2}xy\right) - \left(\frac{1}{9}x^4y^3 - \frac{6}{7}x^2y^5 + 5\frac{37}{49}xy\right) - \left(24\frac{7}{26}xy + 24\frac{10}{49}x^5y^3 - \frac{1}{10}x^4y^3\right)$$

$$1244) \left(25xy^2 - 1\frac{1}{2}y^3\right) + \left(1\frac{22}{37}x^4y^5 + 5\frac{17}{32}y^3 + \frac{31}{40}x^5\right) + \left(22\frac{13}{15}y^3 + \frac{7}{11}xy^2 - 38x^4y^5\right)$$

$$1245) \left(5\frac{9}{14}m^2n + 23\frac{25}{26}mn^3\right) - \left(1\frac{5}{23}m^5n^5 + 10\frac{23}{24}m^2n + 21\frac{11}{12}m\right) + \left(5\frac{21}{40}mn^3 - 31m - \frac{13}{30}m^5n^5\right)$$

$$1246) \left(\frac{7}{19}u^5v^2 + 20\frac{18}{41}u^2v^5\right) - \left(\frac{3}{8}u^2v^2 + 15\frac{1}{24}u^4 + 1\frac{1}{6}u^2v^5\right) + \left(19\frac{15}{28}u^2v^2 + 6\frac{7}{17}u^5v^2 + 10\frac{5}{16}u^4\right)$$

$$1247) (4u^2v^3 + 45v^5) + \left(19u^2v^3 + 5\frac{4}{39}u^4v^3 - 1\frac{13}{31}u^5v^2\right) + \left(2u + 13u^4v^3 - 3\frac{1}{26}u^5v^2\right)$$



$$1248) \left(1\frac{1}{4}a^4b^4 + 21\frac{1}{48}\right) - \left(1\frac{4}{19}ab + 25\frac{1}{19}a^4b^4 + \frac{19}{22}ab^2\right) - \left(1\frac{1}{4}a^4b^4 + \frac{5}{13} + ab^2\right)$$

$$1249) \left(1\frac{4}{7} - 1\frac{1}{2}xy\right) - \left(1\frac{2}{5}xy + \frac{2}{3}x^2y^4 - 1\frac{1}{8}\right) + \left(1\frac{3}{4}xy - 1\frac{24}{41}x^2y^4 + 25\frac{27}{28}\right)$$

$$1250) \left(13\frac{20}{39}x^3y^2 + \frac{13}{21}x^2y^2\right) - \left(15\frac{31}{46}x^5y^2 - 2\frac{1}{4}x^2y^2 + 1\frac{1}{2}x^3y^2\right) + \left(24\frac{35}{38}y^3 - 1\frac{40}{41}x^4 - 1\frac{33}{37}x^3y^2\right)$$

$$1251) \left(6\frac{1}{4}x^4y^2 + 1\frac{1}{6}x^4\right) - \left(22x^3y^3 + \frac{11}{17}x^4y^2 + 20\frac{12}{19}x^4\right) - \left(3\frac{1}{7}x^3y^3 + \frac{2}{17}x^4y^2 + \frac{1}{4}x^4\right)$$

$$1252) \left(12\frac{23}{26}x - 1\frac{11}{13}x^4y^3\right) - \left(19\frac{12}{29}x^5y^4 - 2\frac{41}{45}x - 1\frac{1}{4}x^4y^3\right) - \left(\frac{1}{7}x + 2\frac{3}{40}x^2y^4 - 2x^4y^3\right)$$

$$1253) \left(1\frac{10}{11}x^5y^3 - 1\frac{12}{29}y^2\right) + \left(17\frac{5}{24}y^2 + \frac{7}{50}x^4y + 1\frac{7}{10}x^5y^3\right) - \left(1\frac{10}{13}x^4y + 7\frac{5}{6}y^2 - 1\frac{2}{3}x^5y^3\right)$$

$$1254) \left(12\frac{5}{12}u^5v^4 - 1\frac{10}{39}u^3v\right) + \left(\frac{3}{4}v^4 - \frac{2}{3}u^3v + 25\frac{1}{2}u^5v^4\right) - \left(21\frac{25}{29}v^4 + 25\frac{5}{8}u^3v - 3\frac{17}{20}u^5v^4\right)$$

$$1255) \left(18\frac{4}{5}x^5y^2 + 1\frac{5}{8}y^2\right) - \left(5\frac{14}{17}x^2y^5 + 20\frac{1}{14}y^2 - 1\frac{19}{31}x^5y^2\right) + \left(\frac{10}{11}x^2y^5 + 2x^5y^2 + 10\frac{29}{43}y^2\right)$$

$$1256) \left(14\frac{19}{28}a^5b^5 - \frac{8}{11}b\right) + \left(\frac{2}{3}a^3b^2 - \frac{22}{27}b + 5\frac{15}{22}a^5b^5\right) - \left(14\frac{5}{16}a^2 + 10\frac{1}{5}b + a^3b^2\right)$$

$$1257) \left(1\frac{1}{2}x^5 + 14\frac{31}{48}x^4y^3\right) - \left(\frac{1}{46}x^4y^3 + 1\frac{1}{18} + \frac{47}{48}y^4\right) + \left(7\frac{23}{28}y^4 - 22\frac{5}{9}xy^2 + \frac{1}{4}x^4y^3\right)$$

$$1258) \left(3\frac{3}{40}x^4y^2 + 21\frac{16}{35}x^5y^4\right) - \left(21\frac{15}{26}x^3y^2 + 3\frac{1}{16}x^2y + 27x^4y^2\right) + \left(\frac{2}{11}x^3y^2 + 1\frac{22}{35}x^5y^4 + 20\frac{24}{43}x^2y\right)$$

$$1259) \left(2\frac{1}{2}x^2y + \frac{23}{30}x^3y^5\right) - \left(21y^5 + 49x^3y^5 + \frac{4}{25}x^3y\right) - \left(19\frac{5}{18}y^5 - 3\frac{29}{34}x^3y^5 + 13\frac{29}{30}x^3y\right)$$

$$1260) \left(1\frac{17}{28}m^5n^2 + 10\frac{3}{5}m^2n\right) + \left(\frac{4}{17}n + 4\frac{33}{41}m^2n + 12\frac{1}{36}m^4n^4\right) - \left(3m^4n^4 - 2\frac{1}{6}n^5 - \frac{1}{27}m^5n^2\right)$$

$$1261) \left( \frac{5}{39}y^3 + 3\frac{13}{23}x^3 \right) + \left( 7\frac{17}{35}y^3 + 18\frac{22}{29}x^5y^2 + \frac{8}{13}x^3 \right) - \left( 17\frac{3}{10}y^3 + 2x^5y^2 + 12\frac{1}{28}x^3 \right)$$

$$1262) \left( 19\frac{9}{43}a^2 - 1\frac{7}{8}ab^2 \right) - \left( 5\frac{5}{36} + 9\frac{3}{11}ab^2 + 14\frac{13}{44}a^2 \right) + \left( 1\frac{9}{13}a^2 + 40\frac{2}{7} + 15\frac{5}{9}ab^2 \right)$$

$$1263) \left( \frac{45}{47}x^2 + 1\frac{2}{17}xy^2 \right) - \left( 7\frac{3}{11}x^2 + 1\frac{1}{16}xy^2 + 23\frac{13}{21}x^4y \right) - \left( 15\frac{1}{2}xy^2 + 2\frac{1}{2}x^2 + 11\frac{9}{13}x^4y \right)$$

$$1264) \left( \frac{2}{5}a^5b - 1\frac{8}{11}a^3b^3 \right) - \left( 20\frac{1}{2}ab^2 + \frac{1}{4}a^3b^3 - \frac{8}{15}a^5b \right) - \left( 1\frac{1}{3}a^5b + 1\frac{11}{42}a^3b^3 + 10\frac{5}{17}ab^2 \right)$$

$$1265) \left( 1\frac{5}{37}uv^4 + 1\frac{4}{7}v^5 \right) - \left( \frac{1}{3}u^5v + 24\frac{15}{16}uv + 8\frac{8}{11}u^2v \right) - \left( 1\frac{3}{10}u^2v + 11\frac{19}{40}uv + \frac{1}{3}uv^4 \right)$$

$$1266) \left( 1\frac{6}{11}mn^5 + 6m^5 \right) - \left( \frac{8}{39}n^5 - 1\frac{9}{23}m^5 + 1\frac{29}{49}mn^5 \right) - \left( \frac{1}{2}n^5 + 15\frac{11}{19}m^4 - \frac{9}{16}m^5 \right)$$

$$1267) \left( 24\frac{2}{45}x^3y^5 + 1\frac{1}{2}x^3y \right) + \left( 14\frac{21}{23}x^2y^2 + 13\frac{3}{5}x^3y^5 + 1\frac{7}{9}x^4y^5 \right) + \left( 1\frac{2}{17}x^3y^5 + 38x^4y^5 + 24\frac{29}{31}x^3y \right)$$

$$1268) \left( 24\frac{13}{42}x^3y^5 - \frac{8}{19}x^3y^2 \right) - \left( 3\frac{5}{9}xy - 3\frac{17}{42}x^3y^2 + 7\frac{7}{29}x^3y^5 \right) + \left( 2\frac{11}{20}xy + \frac{20}{27}x^3y^2 + 11\frac{3}{4}xy^4 \right)$$

$$1269) (9 + uv^5) + \left( 1\frac{7}{8}u + \frac{1}{11}uv^5 + 23\frac{2}{3}u^2v \right) + \left( 1\frac{5}{7}u + 12\frac{1}{10}u^5v + 2\frac{9}{14} \right)$$

$$1270) \left( \frac{21}{25}x^2y^2 + 27x^3y^4 \right) + \left( \frac{10}{11}x^5y + 1\frac{32}{41}x^3y^5 + 3\frac{41}{42}x^2y^2 \right) - \left( 9x^5y - 1\frac{1}{5}x^3y^5 + 19\frac{5}{6}x^4y \right)$$

$$1271) \left( 8\frac{5}{48}ab^3 - \frac{14}{39}a^4b^4 \right) - \left( 18\frac{11}{30}ab^3 + 23\frac{10}{29}b^5 + \frac{1}{2}ab^4 \right) - \left( 12\frac{10}{23}a^4b^4 - \frac{29}{30}ab^4 + 18\frac{5}{34}b^5 \right)$$

$$1272) \left( 17\frac{36}{43}x^4y^2 + 12\frac{2}{5}x^5 \right) + \left( 24\frac{11}{12}x^4y^2 + 20\frac{9}{13}x^5 - 1\frac{17}{18}x \right) + \left( 13\frac{8}{19}x^5 - \frac{43}{47}x^4y^2 + 25\frac{23}{31}x \right)$$

$$1273) \left( 1\frac{7}{34}a + \frac{4}{13}a^4 \right) + \left( 17\frac{21}{26}a + 1\frac{40}{41}a^4 - \frac{1}{40}a^5b \right) - \left( 1\frac{5}{23}a^4 + 2a^5b - 1\frac{5}{42}a \right)$$

$$1274) \left( 2\frac{23}{38}y^3 + 4\frac{12}{41}y \right) + \left( 2x^4y^2 - 1\frac{13}{14}y + 23\frac{19}{48}y^3 \right) - \left( \frac{31}{50}x^4y^2 - 1\frac{4}{45}y + 10\frac{19}{43}y^3 \right)$$

$$1275) \left( 1\frac{5}{14}m^5n^3 + 16\frac{8}{33}m^3 \right) - \left( 17\frac{18}{29}mn^2 + \frac{5}{26}m^5n^3 - 1\frac{1}{40}m^3 \right) - \left( \frac{2}{5}mn^2 + 15\frac{1}{42}m^5n^3 - \frac{9}{49}m^3 \right)$$

$$1276) \left( \frac{2}{3}y^5 + 16\frac{5}{48} \right) + \left( 1\frac{16}{17} + 19\frac{31}{32}y^3 + 1\frac{11}{16}x \right) + \left( 1\frac{7}{9} + \frac{1}{2}x - 1\frac{12}{41}y^5 \right)$$

$$1277) \left( 3\frac{14}{33}x^4y^4 - \frac{1}{6}x^4y^2 \right) - \left( 4\frac{1}{30}x^4y^2 + 1\frac{1}{7}xy^3 + 1\frac{2}{11}x^4y \right) + \left( 14x^5y^2 + 16\frac{1}{9}x^4y - 1\frac{1}{3}xy^3 \right)$$

$$1278) \left( 1\frac{2}{19}x^2 + 4\frac{10}{39}y \right) - \left( \frac{1}{4}x^2 + 1\frac{7}{10}y + 4\frac{1}{35}x^5y \right) - \left( 19\frac{5}{8}x^5y + 11\frac{5}{12}y^3 + 4\frac{1}{35}x^2 \right)$$

$$1279) \left( \frac{9}{14}x^4y^5 + \frac{8}{17}x^2 \right) + \left( 5\frac{7}{19}x^2 + \frac{9}{16}x^3y + 15\frac{32}{39}x^2y^5 \right) + \left( 1\frac{5}{41}x^2y^5 + 22\frac{7}{8}x^2 - 1\frac{2}{21}x^3y \right)$$

$$1280) \left( 1\frac{1}{13}u^5 - 1\frac{2}{3}u^2v \right) + \left( 1\frac{1}{37}u^2v - 1\frac{11}{20}u^2v^3 - 1\frac{9}{11}u^5v^5 \right) - \left( \frac{5}{32}u^2v + 19\frac{17}{20}u^2v^3 + 9\frac{9}{38}u^5v^5 \right)$$

$$1281) \left( \frac{1}{2}n^4 - 48\frac{25}{26}m^3 \right) + \left( \frac{1}{9}m^3 + 7\frac{1}{8}n^4 - 1\frac{11}{50}m^2 \right) - \left( 20\frac{1}{4}m^2n^3 - \frac{11}{20}m^2 + 18\frac{1}{9}n^4 \right)$$

$$1282) \left( 23\frac{24}{31}xy^4 + 7\frac{2}{25}x^4y \right) + \left( 8\frac{4}{45}y^5 + 4\frac{14}{19}xy^4 - 1\frac{13}{36}x^4y \right) + \left( 17\frac{25}{36}x^4y + \frac{4}{15}y^5 + \frac{5}{9}xy \right)$$

$$1283) \left( 9\frac{33}{34}x^5 + 4\frac{1}{8}x^2 \right) + \left( 1\frac{1}{4}x^2y + 14\frac{11}{42}x^5 + 4\frac{6}{49}x^2 \right) - \left( 1\frac{9}{14}x^2y - \frac{3}{38}x^2 + 1\frac{17}{18}x^5 \right)$$

$$1284) \left( \frac{1}{2}u^4 + \frac{5}{14}u^5v^5 \right) + \left( 11\frac{9}{35}uv + 14\frac{31}{42}u^5v^3 + \frac{1}{4}u^5v^5 \right) + \left( \frac{1}{7}u^5v^3 + 27uv - \frac{4}{43}u^4 \right)$$

$$1285) \left( \frac{8}{21}x^2y + 21\frac{12}{35}y^3 \right) - \left( 24\frac{20}{39}y^3 - \frac{5}{17}x^2y + 25\frac{33}{50}x^3 \right) - \left( 13\frac{13}{24}x^2y + 1\frac{11}{15}x^3 - y^3 \right)$$

$$1286) \left( 15\frac{23}{42}x^4y^5 - \frac{1}{2}y^2 \right) + \left( 1\frac{2}{19}x^4y^5 + 1\frac{3}{4}x^4y^2 - \frac{19}{25}y^2 \right) - \left( 19\frac{5}{21}x^4y^2 - 1\frac{21}{37}y^2 + \frac{11}{18}x^4y^5 \right)$$

$$1287) \left(1 \frac{19}{32} x^2 y^2 - \frac{2}{3} x\right) + \left(15 \frac{25}{32} x + 1 \frac{15}{37} x^5 y + 9 \frac{6}{7} x^2 y^2\right) - \left(\frac{10}{47} x^5 y - 1 \frac{17}{31} x + 23 \frac{7}{18} x^2 y^2\right)$$

$$1288) \left(\frac{20}{27} a^4 - 2 a^5 b^5\right) + \left(1 \frac{7}{23} a^3 b^5 + 16 \frac{25}{36} a^5 b^5 + 1 \frac{1}{3} a^4\right) + \left(25 \frac{17}{30} a^5 b^5 - 1 \frac{3}{16} a^3 b^5 - 3 \frac{14}{25} a^2 b^4\right)$$

$$1289) \left(3 \frac{10}{19} y^4 - \frac{2}{7} x y^5\right) - \left(17 \frac{37}{44} x y^5 - \frac{1}{16} y^4 - 1 \frac{7}{11} x^3 y^4\right) - \left(22 \frac{1}{6} x y^5 + 8 \frac{23}{33} x^4 y^5 + 10 \frac{32}{49} y^4\right)$$

$$1290) \left(14 \frac{19}{24} a^3 b^2 + 11 \frac{13}{24} a^5 b\right) - \left(4 \frac{13}{14} a + 2 \frac{7}{30} a^3 b^2 + \frac{21}{22} a^2 b^5\right) + \left(15 \frac{9}{13} a + 17 \frac{5}{14} a^5 b + 5 \frac{20}{21} a^2 b^5\right)$$

$$1291) \left(1 \frac{1}{4} x^3 + 22 \frac{15}{47} x^3 y\right) - \left(18 \frac{1}{2} x^3 - 1 \frac{7}{12} x^4 - \frac{15}{16} x^3 y\right) + \left(\frac{3}{4} x y^5 + 7 \frac{19}{30} x^3 y - 1 \frac{18}{19} x^3\right)$$

$$1292) \left(15 \frac{11}{30} x^5 + \frac{3}{20} x^4 y^5\right) - \left(1 \frac{7}{38} x^4 y^5 + 19 \frac{15}{16} x y^3 + 1 \frac{23}{32} x^5 y^3\right) + \left(\frac{1}{6} x^4 y^5 + 16 \frac{5}{6} x y^3 - 45 x^5 y^3\right)$$

$$1293) \left(13 \frac{13}{29} u^4 - 1 \frac{7}{9}\right) - \left(18 + 15 \frac{34}{43} u^4 + 12 \frac{32}{39} u^3 v^5\right) + \left(35 + \frac{7}{25} u^3 v^5 + \frac{1}{6} u^5 v^5\right)$$

$$1294) \left(\frac{5}{36} m^2 n^2 - 1 \frac{1}{19} m^3 n^4\right) + \left(10 \frac{9}{10} m^3 n^4 + 25 \frac{5}{9} m^4 n + 11 \frac{9}{22} m^2 n^2\right) - \left(21 \frac{2}{5} m n^5 + 3 \frac{21}{40} m^4 n^5 + 1 \frac{2}{15} m^3 n^4\right)$$

$$1295) \left(18 \frac{25}{28} x y^3 + 5 \frac{30}{47} x^5\right) - \left(14 \frac{1}{10} x y^3 + 7 \frac{12}{47} x^5 + 6 \frac{21}{25} y^5\right) + \left(19 \frac{1}{8} y^5 + 7 \frac{3}{34} x^5 + 26 x y^3\right)$$

$$1296) \left(\frac{5}{16} a^2 b - 13 a^3 b^2\right) + \left(1 \frac{31}{42} a^3 + 1 \frac{10}{21} a^2 b - 16 a^3 b^2\right) + \left(12 \frac{31}{40} a^3 b^2 + 4 \frac{18}{41} a^2 b - 1 \frac{3}{4} a^3\right)$$

$$1297) \left(\frac{1}{3} x^3 y^4 + 23 \frac{19}{20} x^3 y^2\right) + \left(16 \frac{23}{32} x y^2 + 17 \frac{41}{48} y^2 - \frac{23}{40} x^3 y^2\right) + \left(11 \frac{10}{23} x^3 y^4 + 18 \frac{17}{23} y^2 + 16 \frac{9}{13}\right)$$

$$1298) \left(24 \frac{17}{36} x^3 - 3 \frac{31}{33} x^4 y^2\right) + \left(1 \frac{7}{10} x^4 y^2 + 22 \frac{16}{21} x^3 y^4 + 1 \frac{7}{20} x^3\right) + \left(1 \frac{8}{9} x^3 y^4 + 11 \frac{27}{40} x^4 y^2 + 6 \frac{3}{5} x^3\right)$$

$$1299) \left(\frac{7}{9} a^5 b^4 + 7 \frac{28}{37} a^3 b^4\right) + \left(23 \frac{21}{34} b^5 + 13 \frac{20}{33} a^3 b^4 - a^5 b^4\right) - \left(22 \frac{11}{28} b^5 - 1 \frac{16}{29} a^3 b^4 + \frac{2}{15} a^5 b^4\right)$$

$$1300) \left( 27 \frac{1}{10} x^5 y^5 + 4 \frac{35}{48} xy^5 \right) - \left( \frac{10}{13} x^4 y^2 + 9 \frac{7}{29} x^3 y^5 - 1 \frac{23}{42} xy^5 \right) + \left( 33 x^5 y^5 + 4 \frac{11}{25} x^3 y^5 + 22 \frac{23}{24} x^4 y^2 \right)$$

## Polynomials - Simplify 8 monomials and fractions with 2 variables:

### Simplifying monomials and fractions with two variables:

$$1) \frac{1}{2}x^2y^3 + \frac{2}{3}x^2 + x^2 + 1\frac{3}{7}x^2y^3 + \frac{1}{7}y^2 + y^2 - x^2y^3 - 2\frac{4}{7}x^2 \quad \frac{13}{14}x^2y^3 + 1\frac{1}{7}y^2 - \frac{19}{21}x^2$$

$$2) 2m^2n^3 - \frac{1}{2}m + m^2n^3 + \frac{1}{3}m - 5\frac{3}{7}n^2 + m + \frac{4}{5}n^2 + \frac{1}{8}m^2n^3 \quad 3\frac{1}{8}m^2n^3 - 4\frac{22}{35}n^2 + \frac{5}{6}m$$

$$3) 2\frac{1}{2}x^3 + 2 + \frac{3}{4}xy^3 - 1\frac{3}{8} - 1\frac{1}{2}x^3 + 3\frac{3}{5}xy^3 - 1\frac{4}{5} - x^3 \quad 4\frac{7}{20}xy^3 - 1\frac{7}{40}$$

$$4) 1\frac{2}{5}a^3 - \frac{1}{2} + 1\frac{1}{4}a^3 - 3\frac{7}{8} + ab^2 + 2a^2 + 1\frac{1}{4}a^3 - 1\frac{5}{7} \quad ab^2 + 3\frac{9}{10}a^3 + 2a^2 - 6\frac{5}{56}$$

$$5) 1\frac{1}{3} + 5m^2n^2 + \frac{2}{5}m^2n^2 + \frac{4}{7}m^2n^3 - 2\frac{3}{8} + 1\frac{3}{5}m^2n^2 + 1\frac{1}{5}m^2n^3 + 2\frac{1}{2} \quad 1\frac{27}{35}m^2n^3 + 7m^2n^2 + 1\frac{11}{24}$$

$$6) 1\frac{2}{3}u^2v^2 + 7\frac{1}{3}uv + 1\frac{4}{7}u^2v^2 + 1\frac{1}{2}uv - 2\frac{2}{5}u^3 + \frac{5}{7}u^2v^2 - \frac{1}{5}u^3 + 4\frac{1}{3}uv \quad 3\frac{20}{21}u^2v^2 - 2\frac{3}{5}u^3 + 13\frac{1}{6}uv$$

$$7) 1\frac{3}{4}y^2 + 1\frac{1}{7}x^2y + 2\frac{1}{5}xy^2 - 1\frac{1}{2}x^2y - \frac{2}{3}x^3y^3 + 1\frac{2}{3}x^3y^3 + 2\frac{1}{4}xy^2 - 1\frac{1}{2}x^2 \quad y^3x^3 - \frac{5}{14}yx^2 + 4\frac{9}{20}y^2x + 1\frac{3}{4}y^2 - 1\frac{1}{2}x^2$$

$$8) 1\frac{1}{7}u^2v + 1\frac{2}{3}v + \frac{1}{3}v - 2\frac{1}{8}uv^3 - 1\frac{1}{3}u^2v^2 + 2v + 4\frac{5}{6}u^2v - \frac{2}{3}uv^3 \quad -2\frac{19}{24}v^3u - 1\frac{1}{3}v^2u^2 + 5\frac{41}{42}vu^2 + 4v$$

$$9) 3\frac{1}{2}ab^3 - 1\frac{5}{6} + \frac{1}{3}a^2b^2 - 3\frac{3}{5} + 1\frac{5}{6}a + \frac{2}{3}a - 1\frac{3}{4}ab^3 - b \quad 1\frac{3}{4}ab^3 + \frac{1}{3}a^2b^2 - b + 2\frac{1}{2}a - 5\frac{13}{30}$$

$$10) 2x^3 + 1\frac{4}{5}xy^3 + 4\frac{1}{2}x^3 + 2\frac{1}{6}x^2y + 2\frac{1}{5}xy + \frac{3}{8}x^2y + 2\frac{1}{4}x^3 + 6\frac{1}{2}xy^3 \quad 8\frac{3}{10}xy^3 + 8\frac{3}{4}x^3 + 2\frac{13}{24}x^2y + 2\frac{1}{5}xy$$

$$11) \frac{1}{8}x^2y^3 + \frac{1}{8}x^3y + 7x^3y + 1\frac{1}{8}xy + 1\frac{1}{2}x^2 + \frac{4}{5}x^2 + 1\frac{1}{8}x^2y^3 + 1\frac{2}{3}x^3y \quad 1\frac{1}{4}x^2y^3 + 8\frac{19}{24}x^3y + 1\frac{1}{8}xy + 2\frac{3}{10}x^2$$

$$12) \frac{1}{4}xy^3 - 3\frac{5}{6}y^3 + \frac{5}{8}x^2y^2 - \frac{3}{5}xy^3 - 2\frac{5}{8}y^3 + 2\frac{1}{3}xy^3 + \frac{2}{7}y^3 + 3\frac{1}{2}x^2y^2 \quad 1\frac{59}{60}y^3x + 4\frac{1}{8}y^2x^2 - 6\frac{29}{168}y^3$$

$$13) \frac{1}{3}y^3 + 8x^2y^2 + 3y^3 + 4\frac{3}{7}x^2y^2 - 3\frac{2}{3}x^3y^2 + x^3y^2 + 1\frac{1}{2}x^2y^2 + 1\frac{1}{5}y^3 \quad -2\frac{2}{3}y^2x^3 + 13\frac{13}{14}y^2x^2 + 4\frac{8}{15}y^3$$

$$14) \frac{7}{8}x + 6x^2y^2 + \frac{1}{2}xy^3 + 1\frac{1}{5}y + 2x^3y + x + \frac{1}{2}y - 4\frac{1}{3}x^3y \quad 6x^2y^2 - 2\frac{1}{3}x^3y + \frac{1}{2}xy^3 + 1\frac{7}{8}x + 1\frac{7}{10}y$$

$$15) 1\frac{5}{8}u + \frac{7}{8}uv^2 + 1\frac{3}{7}uv^2 + 4\frac{1}{2}u - 2\frac{3}{4}u^2v^3 + 2\frac{1}{3}uv^2 - 1\frac{2}{3}u^2v^3 + 1\frac{2}{3}u \quad -4\frac{5}{12}u^2v^3 + 4\frac{107}{168}uv^2 + 7\frac{19}{24}u$$

$$16) 1\frac{3}{4}y^2 + 1\frac{1}{2}x^2 + 1\frac{3}{4}y^3 - 5y^2 + \frac{2}{5}x^2 + 1\frac{3}{4}y^3 + 1\frac{3}{4}y^2 + \frac{1}{2}x^2 \quad 3\frac{1}{2}y^3 + 2\frac{2}{5}x^2 - 1\frac{1}{2}y^2$$

$$17) \frac{1}{8}m^2n^3 - \frac{1}{2}n^2 + 3\frac{5}{8}n^2 + \frac{5}{6}m^2n^3 - \frac{1}{8}n^3 + \frac{1}{2}m^2n^3 + \frac{3}{8}n^3 + 3\frac{1}{3}n^2 \quad 1\frac{11}{24}n^3m^2 + \frac{1}{4}n^3 + 6\frac{11}{24}n^2$$

$$18) 1\frac{1}{2}mn^3 + 1\frac{1}{7}m^3n^2 + 1\frac{3}{5}mn^3 + \frac{5}{6}m^2n^3 + 2m^3n^2 + 5m^2n^3 - \frac{1}{2}mn + 1\frac{1}{3}m^3n^2 \quad 4\frac{10}{21}m^3n^2 + 5\frac{5}{6}m^2n^3 + 3\frac{1}{10}mn^3 -$$

$$19) 2uv + 1\frac{2}{3}u^2v^3 + \frac{1}{2}u^3v - 2u^2v^3 + 1\frac{3}{4}uv + 2\frac{1}{3}u^3v^2 + 3\frac{5}{6}u^3v - 3\frac{1}{3}u^2v^3 \quad -3\frac{2}{3}u^2v^3 + 2\frac{1}{3}u^3v^2 + 4\frac{1}{3}u^3v + 3\frac{3}{4}uv$$

$$20) \frac{2}{3}x^3y^3 - 1\frac{1}{2}xy + \frac{3}{7}x + \frac{1}{2}xy + \frac{2}{7}x^3y + 3\frac{1}{2}x^3y + 4\frac{3}{4}x + 4\frac{1}{2}x^3y^3 \quad 5\frac{1}{6}x^3y^3 + 3\frac{11}{14}x^3y - xy + 5\frac{5}{28}x$$

$$21) 1\frac{1}{7}xy^3 + 3\frac{5}{6}x^3y + 1\frac{1}{5}x^3y + 4\frac{3}{4}xy^3 - 3\frac{1}{2}x + \frac{2}{3}x + \frac{2}{3}xy^2 + xy^3 \quad 6\frac{25}{28}xy^3 + 5\frac{1}{30}x^3y + \frac{2}{3}xy^2 - 2\frac{5}{6}x$$

$$22) 1\frac{1}{3}a^3 + 2\frac{2}{3} + 1\frac{1}{6} - 1\frac{5}{6}a^3 - 1\frac{1}{4}a^2 + \frac{5}{8}a^2 + 3\frac{5}{8} + 3\frac{1}{3}a^3 \quad 2\frac{5}{6}a^3 - \frac{5}{8}a^2 + 7\frac{11}{24}$$

$$23) 4\frac{1}{4}xy - 3xy^3 + 1\frac{2}{3}x^2 - 7\frac{5}{7}x^2y - 3\frac{1}{2}xy^3 + 4\frac{1}{2}x^2 + \frac{2}{7}x^2y + 1\frac{1}{5}x^2y^3 \quad 1\frac{1}{5}x^2y^3 - 6\frac{1}{2}xy^3 - 7\frac{3}{7}x^2y + 6\frac{1}{6}x^2 + 4\frac{1}{4}xy$$

$$24) 3\frac{2}{7}x^2 + \frac{3}{8}xy^2 + 7 - 2\frac{5}{6}xy^2 + \frac{1}{3}x^2 + 3\frac{1}{4} - 3\frac{5}{6}x^2 + 1\frac{1}{2}xy^2 \quad -\frac{23}{24}xy^2 - \frac{3}{14}x^2 + 10\frac{1}{4}$$

$$25) 2a - \frac{1}{6}a^3b + 1\frac{1}{2}a + 2\frac{6}{7}ab + 2\frac{2}{7}a^3b + 1\frac{1}{2}a + 1\frac{1}{2}a^3b + 2ab \quad 3\frac{13}{21}a^3b + 4\frac{6}{7}ab + 5a$$

$$26) 3\frac{1}{2}x + 2\frac{5}{6}x^2y^3 + \frac{1}{6}x^2y^3 - 2\frac{1}{8}x^2y + 1\frac{5}{8}x + 1\frac{5}{7}x^2y^3 + \frac{1}{4}x^2y + 3\frac{7}{8}x \quad 4\frac{5}{7}x^2y^3 - 1\frac{7}{8}x^2y + 9x$$

$$27) \frac{2}{3} - m^3n^2 + \frac{2}{3}m^3n^2 + 4\frac{1}{2} - 2mn^2 + 1\frac{3}{5} + 2\frac{5}{8}m^3n^2 + \frac{1}{4}mn^2 \quad 2\frac{7}{24}m^3n^2 - 1\frac{3}{4}mn^2 + 6\frac{23}{30}$$

$$28) 4\frac{1}{4}y^2 - 1\frac{3}{5}y^3 + 3\frac{2}{5}x^2y^3 + 3\frac{1}{4}y^3 - 2\frac{3}{8}xy^3 + \frac{1}{6}x^2y^3 - 1\frac{1}{7}xy^3 + 1\frac{2}{3}x^2 \quad 3\frac{17}{30}y^3x^2 - 3\frac{29}{56}y^3x + 1\frac{13}{20}y^3 + 4\frac{1}{4}y^2 +$$

$$29) \frac{4}{7}x^2 - 2x^3y + 1\frac{5}{7}x^3y^3 - 3x^2 - 2\frac{3}{7}xy^3 + 2\frac{3}{4}x^3y^3 - 2\frac{1}{2}x - 1\frac{3}{7}x^3y \quad 4\frac{13}{28}x^3y^3 - 3\frac{3}{7}x^3y - 2\frac{3}{7}xy^3 - 2\frac{3}{7}x^2 - 2\frac{1}{2}x$$

$$30) \frac{5}{6}x^2y^3 + 2 + 1\frac{4}{7} + 4\frac{1}{2}y^3 + \frac{3}{7}x^2y^3 + 2x^3y + 3\frac{5}{6}x^2y^3 - 3\frac{4}{7}y^3 \quad 5\frac{2}{21}x^2y^3 + 2x^3y + \frac{13}{14}y^3 + 3\frac{4}{7}$$

$$31) 1\frac{1}{7}x^3 + 3\frac{1}{6}x^3y^2 + \frac{1}{5}x^3 + 3\frac{2}{3}x^3y^2 - \frac{1}{2} + 5 + 3\frac{1}{8}x^3y^2 - 2x^2y \quad 9\frac{23}{24}x^3y^2 - 2x^2y + 1\frac{12}{35}x^3 + 4\frac{1}{2}$$

$$32) 2uv^2 - 2\frac{2}{7}uv^3 + \frac{2}{3}uv^2 - 1\frac{1}{2}u^2v + v^3 + 1\frac{3}{4}uv^3 + \frac{2}{3}v^3 - 3\frac{1}{5}u^2v \quad -\frac{15}{28}v^3u + 1\frac{2}{3}v^3 + 2\frac{2}{3}v^2u - 4\frac{7}{10}vu^2$$

$$33) \frac{5}{6}x^3y - 3\frac{6}{7}xy + 3\frac{3}{5}xy + 2\frac{3}{7}x^3 - \frac{2}{3}x^3y + \frac{1}{8}xy + 1\frac{1}{2}x^3 + 3\frac{6}{7}y^2 \quad \frac{1}{6}x^3y + 3\frac{13}{14}x^3 - \frac{37}{280}xy + 3\frac{6}{7}y^2$$

$$34) \frac{2}{3}x^2y^3 - 1\frac{7}{8} + xy - 1\frac{2}{3}y^3 + \frac{1}{4} + \frac{4}{5}x^2y^3 + \frac{5}{6}x^2y - 2\frac{5}{7}y^3 \quad 1\frac{7}{15}x^2y^3 - 4\frac{8}{21}y^3 + \frac{5}{6}x^2y + xy - 1\frac{5}{8}$$

$$35) 2\frac{3}{4}x^3y^3 + \frac{4}{5}x^2y^2 + 1\frac{1}{2}x^2y^2 - 1\frac{5}{6}y + 1\frac{1}{5}x^3y^3 + x^2y^2 + 1\frac{1}{4}y + 8x^3y^3 \quad 11\frac{19}{20}y^3x^3 + 3\frac{3}{10}y^2x^2 - \frac{7}{12}y$$

$$36) mn - 1\frac{2}{5}m^2n^2 + \frac{5}{6}m^2n^2 - mn^2 - 2\frac{5}{6}mn + 3\frac{2}{7}mn + 2mn^2 - 1\frac{3}{4}m^2n^2 \quad -2\frac{19}{60}m^2n^2 + mn^2 + 1\frac{19}{42}mn$$

$$37) 2\frac{3}{5} - 3\frac{6}{7}xy^2 + 3\frac{1}{5} - \frac{5}{7}x^2y^2 - \frac{4}{5}xy^2 + \frac{4}{7} + \frac{3}{7}xy^2 - 3\frac{1}{3}x^2y^2 \quad -4\frac{1}{21}x^2y^2 - 4\frac{8}{35}xy^2 + 6\frac{13}{35}$$

$$38) 4\frac{2}{3}b^3 + \frac{3}{4}b + 1\frac{1}{4}b - a^2 - 2\frac{4}{5}b^3 + \frac{5}{7}a^2b^3 - 1\frac{2}{3}a^3b - \frac{1}{8}b \quad \frac{5}{7}b^3a^2 - 1\frac{2}{3}ba^3 + 1\frac{13}{15}b^3 - a^2 + 1\frac{7}{8}b$$



$$39) \frac{3}{4}x^3y^3 - 1\frac{2}{3}x^3y^2 + \frac{4}{5}x^3y^2 + 1\frac{7}{8}x^3y^3 + y^2 + \frac{1}{2}x^3 - 1\frac{2}{3}x^3y^3 + y^2 \quad \frac{23}{24}x^3y^3 - \frac{13}{15}x^3y^2 + \frac{1}{2}x^3 + 2y^2$$

$$40) 1\frac{1}{5} + \frac{3}{5}x^3y^2 + 2x^3y^3 + 3\frac{1}{2}x^3y^2 + 2\frac{1}{4}y^3 + 1\frac{3}{4}y^3 - 1\frac{7}{8} + \frac{5}{6}x^3y^2 \quad 2x^3y^3 + 4\frac{14}{15}x^3y^2 + 4y^3 - \frac{27}{40}$$

$$41) 2\frac{2}{5} - 1\frac{1}{3}b^2 + 8a^3b^2 - 2\frac{7}{8}a^3b + 1\frac{5}{7}b + \frac{1}{2}a^3b^2 - 1\frac{2}{3} + 1\frac{1}{4}b \quad 8\frac{1}{2}a^3b^2 - 2\frac{7}{8}a^3b - 1\frac{1}{3}b^2 + 2\frac{27}{28}b + \frac{11}{15}$$

$$42) 3\frac{1}{6}u^3v^3 + 1\frac{3}{4}u^3 + 4\frac{2}{5}v^2 + 3\frac{3}{4}uv - \frac{5}{7}u^3 + v^2 + 4\frac{3}{7}u^3 - 1\frac{3}{5}u^3v^3 \quad 1\frac{17}{30}u^3v^3 + 5\frac{13}{28}u^3 + 5\frac{2}{5}v^2 + 3\frac{3}{4}uv$$

$$43) 2a - 1\frac{7}{8}a^3b^2 + 1\frac{1}{2}a^3b^3 + \frac{1}{2}a - \frac{5}{6}a^2b^3 + 2a^2b^3 - \frac{2}{3}a^3b^3 + 4\frac{1}{3}a^3b^2 \quad \frac{5}{6}a^3b^3 + 1\frac{1}{6}a^2b^3 + 2\frac{11}{24}a^3b^2 + 2\frac{1}{2}a$$

$$44) \frac{2}{3}a^2b - 2a^2b^3 + 3\frac{1}{2}a^2b - 1\frac{1}{4}ab^3 + 4\frac{2}{7}a^3b^2 + \frac{2}{7}ab^3 - 1\frac{5}{6}a^3b^2 - 1\frac{5}{7}a^2b^3 \quad -3\frac{5}{7}a^2b^3 + 2\frac{19}{42}a^3b^2 - \frac{27}{28}ab^3 + 4\frac{1}{6}a$$

$$45) 2\frac{3}{4}x^2y^3 + 4\frac{3}{5}xy + 1\frac{7}{8}x + 3\frac{1}{2}x^2y - 1\frac{3}{4}x^3y^2 + \frac{1}{2}x^2y - 3xy - 1\frac{2}{5}x^3y^2 \quad 2\frac{3}{4}x^2y^3 - 3\frac{3}{20}x^3y^2 + 4x^2y + 1\frac{3}{5}xy + 1\frac{7}{8}x$$

$$46) 2x^3y^3 - 2\frac{4}{7}y^2 + 1\frac{4}{5}x^3y^3 + 1\frac{1}{2}xy^3 + 1\frac{1}{6}y^2 + 2x^3y^3 + 7xy^3 - 1\frac{1}{2}y^2 \quad 5\frac{4}{5}y^3x^3 + 8\frac{1}{2}y^3x - 2\frac{19}{21}y^2$$

$$47) \frac{5}{8}x^2 - \frac{1}{6}y^3 + 3\frac{4}{5}x^3y + 1\frac{5}{7}y^2 + 1\frac{1}{3}x^3y^2 + 2x^3y^2 - 2\frac{2}{5}y^2 - 2\frac{1}{2}x^3y \quad 3\frac{1}{3}x^3y^2 + 1\frac{3}{10}x^3y - \frac{1}{6}y^3 + \frac{5}{8}x^2 - \frac{24}{35}y^2$$

$$48) 3\frac{5}{6}xy^3 - 1\frac{7}{8}x^2 + 6\frac{4}{5}x^3y + 1\frac{1}{2}xy^3 - 1\frac{1}{6}x^2 + 1\frac{2}{3}x^2 + 1\frac{1}{2}xy^3 - 4x^3y \quad 2\frac{4}{5}x^3y + 6\frac{5}{6}xy^3 - 1\frac{3}{8}x^2$$

$$49) 1\frac{1}{7}x + 1\frac{1}{2}x^3 + \frac{1}{6}x - 1\frac{2}{3}x^3 + 4\frac{2}{3}xy^3 + 1\frac{3}{5}x^3 - 3\frac{1}{3}xy^3 - 2x \quad 1\frac{1}{3}xy^3 + 1\frac{13}{30}x^3 - \frac{29}{42}x$$

$$50) 1\frac{1}{3}u + 1\frac{5}{7}u^2v^3 + \frac{1}{4}u + 3\frac{1}{4}u^2 - \frac{1}{7}u^2v^3 + \frac{1}{3}u^2v^3 - 7u^2 - 2\frac{2}{5}u \quad 1\frac{19}{21}u^2v^3 - 3\frac{3}{4}u^2 - \frac{49}{60}u$$

$$51) \frac{3}{7}y^3 - 1\frac{5}{6}x^3y^3 + 2\frac{1}{4}x^2y^2 - y^3 + 1\frac{1}{2}x^3y^3 + 1\frac{6}{7}x^2y^2 + 2\frac{2}{5}x^3y^3 + 4\frac{4}{5}y^3 \quad 2\frac{1}{15}y^3x^3 + 4\frac{3}{28}y^2x^2 + 4\frac{8}{35}y^3$$

$$52) 2\frac{1}{4}m^3n^3 + \frac{2}{3}n + m^3n^3 - 2n + 4m^3 + \frac{7}{8}m^3n^3 - \frac{4}{5}m^3 - 2 \quad 4\frac{1}{8}m^3n^3 + 3\frac{1}{5}m^3 - 1\frac{1}{3}n - 2$$

$$53) 2x^3y^3 - 3\frac{5}{6}x^3 + 5x^3 - 4 + 3\frac{5}{8}x^2 + 3\frac{5}{8} + 2\frac{1}{6}x^3 - 3\frac{5}{7}x^2 \quad 2x^3y^3 + 3\frac{1}{3}x^3 - \frac{5}{56}x^2 - \frac{3}{8}$$

$$54) \frac{7}{8}x^2y^2 - 2\frac{1}{2}y + 1\frac{3}{4}xy - 1\frac{1}{2}x^2y^2 + \frac{3}{4}x^2y + 1\frac{1}{2}x^2y^2 + 1\frac{1}{2}x^2y + 4\frac{1}{2}y \quad \frac{7}{8}y^2x^2 + 2\frac{1}{4}yx^2 + 1\frac{3}{4}yx + 2y$$

$$55) 4\frac{7}{8}m^3n^2 - 2mn + 2\frac{5}{7}mn - 1\frac{3}{5}m^3n^2 - 3m^3n + 3mn - 3\frac{1}{5}m^3n + 1\frac{2}{3}mn^2 \quad 3\frac{11}{40}m^3n^2 - 6\frac{1}{5}m^3n + 1\frac{2}{3}mn^2 + 3\frac{5}{7}mn$$

$$56) 1\frac{1}{3}v^3 + 2\frac{5}{7}uv + 1\frac{3}{4}u^3v^2 - 7u^2v + 1\frac{1}{5}uv^2 + \frac{1}{4}u^3v^2 + 1\frac{1}{2}v^3 - \frac{1}{2}uv^2 \quad 2v^2u^3 + 2\frac{5}{6}v^3 - 7vu^2 + \frac{7}{10}v^2u + 2\frac{5}{7}vu$$

$$57) xy + 2y + 1\frac{5}{7}xy - 2y - \frac{1}{2}x^2y + \frac{4}{5}x^2y + 2\frac{3}{8}y - 1\frac{3}{5}xy \quad \frac{3}{10}yx^2 + 1\frac{4}{35}yx + 2\frac{3}{8}y$$

$$58) 1\frac{1}{2}a^3b - a^3b^3 + \frac{2}{3}b^3 - \frac{1}{3}a^3b^3 + \frac{2}{7}a^3b + \frac{1}{8}b^3 + 1\frac{1}{4}a^3b + 4\frac{3}{4}a^3b^3 \quad 3\frac{5}{12}b^3a^3 + 3\frac{1}{28}ba^3 + \frac{19}{24}b^3$$

$$59) 4m^2n^2 + 1\frac{1}{6} + 2\frac{3}{8} - 3\frac{2}{3}m^2n^2 + 2m^2 + m^2 - 1\frac{3}{4}m^2n^2 + \frac{1}{2} \quad -1\frac{5}{12}m^2n^2 + 3m^2 + 4\frac{1}{24}$$

$$60) x^2y^2 + 3\frac{1}{8}x^2y^3 + \frac{1}{2}xy + \frac{4}{7}x^2y^3 + 1\frac{2}{3}x^2y^2 + \frac{1}{8}x^2y^3 - 2\frac{1}{4}y^3 + 4\frac{1}{2}xy^3 \quad 3\frac{23}{28}y^3x^2 + 2\frac{2}{3}y^2x^2 + 4\frac{1}{2}y^3x - 2\frac{1}{4}y^3 + \frac{1}{2}$$

$$61) 4\frac{1}{4}x^3y^3 + 2\frac{5}{6}xy^2 + 7\frac{1}{2}x^3y + \frac{3}{7}xy^2 - \frac{2}{3}x^3y^3 + 4\frac{1}{4}x^3y^3 - \frac{5}{7}xy^2 + 1\frac{2}{3}x^3y \quad 7\frac{5}{6}x^3y^3 + 9\frac{1}{6}x^3y + 2\frac{23}{42}xy^2$$

$$62) 4\frac{1}{3}xy^2 + \frac{1}{2}x^3y^2 + 2xy^2 - 3\frac{3}{8}x + 1\frac{1}{6}x^3y^2 + 4\frac{4}{5}xy^2 - 3\frac{3}{4}x^3y^2 - \frac{4}{5}x \quad -2\frac{1}{12}x^3y^2 + 11\frac{2}{15}xy^2 - 4\frac{7}{40}x$$

$$63) 3\frac{5}{6}x^3y^2 + 4\frac{5}{6}x^3y^3 + 2\frac{5}{6}x^3y^2 + \frac{5}{6}x^3y^3 + 2x^2y^2 + \frac{1}{4}x^3y^2 - 2\frac{1}{5}x^3y^3 + 2x^2y^2 \quad 3\frac{7}{15}x^3y^3 + 6\frac{11}{12}x^3y^2 + 4x^2y^2$$

$$64) 4\frac{1}{8}v^2 - 3\frac{1}{3}v + u^2v^2 + 3\frac{1}{2} + \frac{1}{5}v^2 + \frac{2}{3}v + 7\frac{1}{8} + 3\frac{1}{2}v^2 \quad u^2v^2 + 7\frac{33}{40}v^2 - 2\frac{2}{3}v + 10\frac{5}{8}$$

$$65) 3\frac{1}{2}u^3v^3 - \frac{1}{2} + 5 + 1\frac{6}{7}u^2v - \frac{4}{7}uv^2 + 3\frac{1}{3}uv^2 - \frac{4}{5} - \frac{3}{8}u^2v \quad 3\frac{1}{2}u^3v^3 + 1\frac{27}{56}u^2v + 2\frac{16}{21}uv^2 + 3\frac{7}{10}$$

$$66) 2\frac{2}{3}mn^2 - 3\frac{3}{8}m^2n^3 + 2\frac{3}{5}m^3n - 2mn^2 - 2\frac{5}{6}m^2n^3 + \frac{2}{7}mn^2 + m^3n + \frac{1}{7}m^2n \quad -6\frac{5}{24}m^2n^3 + 3\frac{3}{5}m^3n + \frac{20}{21}mn^2 + \frac{1}{7}m^2n$$

$$67) 3\frac{1}{8}a^3b^2 - 2a^3b^3 + \frac{1}{2}ab^3 + 3\frac{7}{8}a^2b + 3\frac{1}{8} + \frac{1}{4}a^3b^2 + 2\frac{4}{5}ab^3 - 7\frac{1}{8}a^2b \quad -2a^3b^3 + 3\frac{3}{8}a^3b^2 + 3\frac{3}{10}ab^3 - 3\frac{1}{4}a^2b + 3\frac{1}{8}$$

$$68) 2\frac{7}{8}x^2 + 1\frac{1}{2}x^3 + 1\frac{1}{2}x^2 - 1\frac{1}{6}y^3 - 2\frac{5}{6}x^2y + 1\frac{1}{4}y^3 - 3\frac{5}{8}x^3 + 1\frac{3}{7}x^2 \quad -2\frac{1}{8}x^3 + \frac{1}{12}y^3 - 2\frac{5}{6}x^2y + 5\frac{45}{56}x^2$$

$$69) 1\frac{2}{7}x^3y^2 - xy + 1\frac{4}{5}x^3y^2 - 3\frac{1}{7}x^3y^3 + 4\frac{5}{8}xy + \frac{6}{7}xy - 3\frac{1}{4}x^3y^3 + \frac{1}{3}x^3y^2 \quad -6\frac{11}{28}x^3y^3 + 3\frac{44}{105}x^3y^2 + 4\frac{27}{56}xy$$

$$70) \frac{4}{5}m^2n - 1\frac{1}{2}m^2 + 2m^2 + 2\frac{5}{8}m^2n - \frac{1}{2}mn^3 + 6m^2 + 3\frac{3}{4}m^2n + 3mn^3 \quad 2\frac{1}{2}mn^3 + 7\frac{7}{40}m^2n + 6\frac{1}{2}m^2$$

$$71) 1\frac{1}{4}x^3y^2 - 4x^2 + 4\frac{3}{8}xy^3 - 1\frac{5}{6}x^3y^2 - \frac{2}{5}x^2 + \frac{1}{4}x^3y^2 - 3\frac{1}{2}x^2 + xy^3 \quad -\frac{1}{3}x^3y^2 + 5\frac{3}{8}xy^3 - 7\frac{9}{10}x^2$$

$$72) 1\frac{3}{5}b^3 + 4\frac{1}{2} + 2\frac{7}{8}ab^3 + 4\frac{2}{5} + 4\frac{1}{5}b^3 + 8\frac{3}{4}a - 6\frac{2}{5}ab^3 - a^2b^3 \quad -a^2b^3 - 3\frac{21}{40}ab^3 + 5\frac{4}{5}b^3 + 8\frac{3}{4}a + 8\frac{9}{10}$$

$$73) 1\frac{5}{7}x^2y^3 - 1\frac{1}{6}x^2y + 3\frac{1}{4}x^2y^3 - 1\frac{3}{4}x^3y^3 + 4\frac{1}{2}x^2y + \frac{1}{2}x^2y^3 + 1\frac{3}{5}x^3y^3 + 1\frac{1}{2}y^3 \quad -\frac{3}{20}y^3x^3 + 5\frac{13}{28}y^3x^2 + 3\frac{1}{3}yx^2 +$$

$$74) 2\frac{1}{6}u^2 + 4\frac{2}{3}uv^2 + 2\frac{7}{8}u^2 - 2\frac{3}{4}uv^2 + 1\frac{1}{4} + 1\frac{1}{3} - 5uv^2 + 1\frac{7}{8}u^2 \quad -3\frac{1}{12}uv^2 + 6\frac{11}{12}u^2 + 2\frac{7}{12}$$

$$75) 3y^2 - 2\frac{1}{2}x + 4\frac{3}{8}y^2 + \frac{1}{7}xy^2 + 3\frac{7}{8}x^3y^2 + 4\frac{5}{8}x^3y^2 + \frac{2}{3}xy^2 - 1\frac{1}{5}x \quad 8\frac{1}{2}x^3y^2 + \frac{17}{21}xy^2 + 7\frac{3}{8}y^2 - 3\frac{7}{10}x$$

$$76) 2b + 1\frac{1}{2}ab^3 + \frac{5}{8}ab - 2\frac{2}{3}b + 5ab^3 + \frac{5}{7}ab^3 - 1\frac{1}{8}b - 2\frac{4}{7}ab \quad 7\frac{3}{14}b^3a - 1\frac{53}{56}ba - 1\frac{19}{24}b$$

$$77) 4\frac{1}{2}xy^3 + \frac{1}{2}xy + 1\frac{1}{3}xy^3 - 3\frac{2}{3}y - 1 + 1\frac{1}{5}y - 2\frac{2}{7}xy + 4\frac{1}{8}xy^3 \quad 9\frac{23}{24}y^3x - 1\frac{11}{14}yx - 2\frac{7}{15}y - 1$$

$$78) 4\frac{1}{6}y^2 + 1\frac{1}{2}xy + \frac{4}{5}x^2y - \frac{2}{7}x^2 + 3\frac{5}{6}x^3 + 1\frac{4}{7}y^2 + 1\frac{1}{6}x^2y - \frac{5}{6}x^2 \quad 1\frac{29}{30}yx^2 + 3\frac{5}{6}x^3 + 5\frac{31}{42}y^2 - 1\frac{5}{42}x^2 + 1\frac{1}{2}yx$$

$$79) 2\frac{1}{6}mn + 2\frac{7}{8}m^2n + \frac{2}{3}mn^3 - 1\frac{1}{8}m^2n + 2m^3 + 4\frac{5}{8}m^2n + 4m - \frac{1}{4}mn^3 \quad \frac{5}{12}mn^3 + 6\frac{3}{8}m^2n + 2m^3 + 2\frac{1}{6}mn + 4m$$

$$80) 7y - 3\frac{1}{6}xy^3 + 1\frac{7}{8}xy^3 + 1\frac{6}{7}y - 1\frac{2}{3}xy^2 + 2\frac{6}{7}y - 7xy^2 + 4\frac{2}{3}xy^3 \quad 3\frac{3}{8}y^3x - 8\frac{2}{3}y^2x + 11\frac{5}{7}y$$

$$81) 3\frac{7}{8}y + \frac{3}{5}x^2y + \frac{2}{3}x + \frac{1}{2}x^2y + 1\frac{4}{7}xy + 3\frac{3}{5}x + \frac{1}{3}y - 7\frac{1}{4}x^2 \quad 1\frac{1}{10}yx^2 + 1\frac{4}{7}xy - 7\frac{1}{4}x^2 + 4\frac{5}{24}y + 4\frac{4}{15}x$$

$$82) 1\frac{1}{2}x^2y^2 + 1\frac{3}{7}x^3y + 4\frac{1}{2}y + \frac{2}{5}x^2y^2 + 3\frac{1}{8}x^3y + 2\frac{7}{8}y - 2x^3y + 2\frac{2}{3}x^2y^2 \quad 2\frac{31}{56}yx^3 + 4\frac{17}{30}y^2x^2 + 7\frac{3}{8}y$$

$$83) 1\frac{1}{2}ab^2 + 1\frac{1}{2}a^2b^2 + 4\frac{5}{7}ab^2 - 1\frac{1}{8}a^3 + 1\frac{1}{3}a^2b^2 + 2ab^2 + 1\frac{1}{4}a^2b^2 - 2a^3 \quad 4\frac{1}{12}a^2b^2 - 3\frac{1}{8}a^3 + 8\frac{3}{14}ab^2$$

$$84) \frac{1}{2}xy^2 + 1\frac{3}{4}x^2y^2 + 2\frac{1}{7}x^2y^2 - 2\frac{1}{7}x^3y^3 + \frac{5}{8}xy^2 + \frac{3}{4}xy^2 + \frac{3}{4}x^3y^3 - 1\frac{1}{6}x^2y^2 \quad -1\frac{11}{28}x^3y^3 + 2\frac{61}{84}x^2y^2 + 1\frac{7}{8}xy^2$$

$$85) \frac{2}{3}x + 1\frac{4}{7}x^3y^3 + x^3y^3 + 4\frac{1}{2}y^2 - 1\frac{1}{5}x + \frac{1}{4}x - \frac{3}{7}y + \frac{5}{6}y^2 \quad 2\frac{4}{7}x^3y^3 + 5\frac{1}{3}y^2 - \frac{17}{60}x - \frac{3}{7}y$$

$$86) m + 4\frac{3}{5} + \frac{3}{5} + 1\frac{1}{5}m + \frac{3}{5}m^3n^2 + 1\frac{1}{2} + 1\frac{2}{3}m - 2m^2n^2 \quad \frac{3}{5}m^3n^2 - 2m^2n^2 + 3\frac{13}{15}m + 6\frac{7}{10}$$

$$87) 1\frac{1}{8}x^3y^3 - 5 + 4\frac{1}{2}x^2y + 2\frac{1}{3}x + 1 + 3\frac{3}{5}x^2y + 4\frac{3}{4}xy^2 + 1\frac{2}{3}x \quad 1\frac{1}{8}x^3y^3 + 8\frac{1}{10}x^2y + 4\frac{3}{4}xy^2 + 4x - 4$$

$$88) 1\frac{2}{5}x^3y^3 - 3\frac{1}{6}x^2y^3 + \frac{1}{2} + 2xy^2 - 3\frac{4}{5}x^2y^3 + 1 - \frac{1}{6}x^3y^3 + \frac{2}{5}xy^2 \quad 1\frac{7}{30}x^3y^3 - 6\frac{29}{30}x^2y^3 + 2\frac{2}{5}xy^2 + 1\frac{1}{2}$$

$$89) 1\frac{1}{3}n^3 - 8\frac{6}{7}m^3n + 4\frac{5}{8}n - mn^2 - n^3 + \frac{1}{7}n^3 + 2\frac{1}{5}m^3n - 7n \quad -6\frac{23}{35}nm^3 + \frac{10}{21}n^3 - n^2m - 2\frac{3}{8}n$$

$$90) \frac{3}{8}b^3 + 1\frac{5}{8}a^3b^3 + \frac{3}{4}ab^3 + \frac{1}{2}b^3 + \frac{6}{7}a^3b^3 + 1\frac{1}{2}a^3b^3 + 1\frac{3}{4}ab^3 + 2\frac{1}{4}b^3 \quad 3\frac{55}{56}b^3a^3 + 2\frac{1}{2}b^3a + 3\frac{1}{8}b^3$$

$$91) 2\frac{2}{7}y + 4\frac{1}{7}x^3 + \frac{1}{6}xy - 3\frac{1}{2}x^3 - 2\frac{1}{4}xy^3 + \frac{3}{4}xy^3 - 1\frac{3}{8}x^3y^3 + 2\frac{1}{3}x^3 - 1\frac{3}{8}x^3y^3 - 1\frac{1}{2}xy^3 + 2\frac{41}{42}x^3 + \frac{1}{6}xy + 2\frac{2}{7}y$$

$$92) 4\frac{1}{2}v^2 - 2uv^2 + 7\frac{1}{2}uv^3 - 1\frac{1}{4}v^3 + 1\frac{2}{3}uv^2 + u^2v^2 - 1\frac{3}{4}uv^2 + 1\frac{2}{7}v^2 - v^2u^2 + 7\frac{1}{2}v^3u - 2\frac{1}{12}v^2u - 1\frac{1}{4}v^3 + 5\frac{11}{14}v^2$$

$$93) \frac{1}{5}x^2y - \frac{1}{2}x^3y^3 + 8x^2y^3 - 1\frac{1}{6}x^2y - 1\frac{7}{8}x^3y^3 + 2x^2y + \frac{1}{4}x^2y^3 - 1\frac{2}{5}x^3y^3 - 3\frac{31}{40}x^3y^3 + 8\frac{1}{4}x^2y^3 + 1\frac{1}{30}x^2y$$

$$94) 3\frac{5}{7}y^2 - \frac{4}{5}x^2 + 8x^2 + 1\frac{3}{5}x^3 + 2y^2 + 1\frac{1}{3}x^3 - 1\frac{1}{2}x^2 + 2y^2 - 2\frac{14}{15}x^3 + 7\frac{5}{7}y^2 + 5\frac{7}{10}x^2$$

$$95) 3\frac{1}{3}m + 1\frac{3}{8}m^3 + 1\frac{1}{6}m^3 + 1\frac{4}{7}m^2n^3 - 5m + 1\frac{5}{6}m^3 + 3\frac{3}{8}m^2n^3 + \frac{1}{5}m - 4\frac{53}{56}m^2n^3 + 4\frac{3}{8}m^3 - 1\frac{7}{15}m$$

$$96) \frac{1}{5}x + \frac{1}{6}y^2 + x + 1\frac{3}{7}y^3 + 2\frac{1}{2}xy^2 + 1\frac{3}{4}y^2 - 3\frac{1}{6}xy^3 - \frac{2}{7}xy^2 - 3\frac{1}{6}xy^3 + 1\frac{3}{7}y^3 + 2\frac{3}{14}xy^2 + 1\frac{11}{12}y^2 + 1\frac{1}{5}x$$

$$97) 1\frac{2}{3}n + 3m + 6m + \frac{1}{3} + n + \frac{1}{8}m - 2\frac{1}{4} - 3\frac{1}{2}m^2n - 3\frac{1}{2}m^2n + 2\frac{2}{3}n + 9\frac{1}{8}m - 1\frac{11}{12}$$

$$98) u - \frac{1}{3}uv^3 + 7\frac{2}{7}uv + 4\frac{1}{3} + 2\frac{2}{5}uv^3 + \frac{2}{3} + 5u - 2uv^3 - \frac{1}{15}uv^3 + 7\frac{2}{7}uv + 6u + 5$$

$$99) 4\frac{3}{4}x^2y^3 + y^2 + \frac{4}{5}xy - 2\frac{2}{3}y^2 + x^2y^3 + \frac{5}{7}y^2 - 3\frac{5}{6} + 2xy - 5\frac{3}{4}x^2y^3 - \frac{20}{21}y^2 + 2\frac{4}{5}xy - 3\frac{5}{6}$$

$$100) 1\frac{3}{4}u^2v^2 + 1\frac{1}{3}u^2v^3 + \frac{6}{7}u^2v^2 + 4\frac{1}{2}u^3v + \frac{3}{4}u^3 + 1\frac{2}{3}u^2v^2 - \frac{2}{3}u^3 - 1\frac{1}{2}u^2v^3 - \frac{1}{6}u^2v^3 + 4\frac{23}{84}u^2v^2 + 4\frac{1}{2}u^3v + \frac{1}{12}u^3$$

$$101) 3\frac{1}{6}y^2 + \frac{3}{7}x^2 + \frac{6}{11}x^3 - 2\frac{1}{11}x^2 - 1\frac{2}{3}y^2 + 1\frac{8}{9}y^2 + 1\frac{2}{5}x^3 - 1\frac{1}{8}x^2 - 1\frac{52}{55}x^3 - 2\frac{485}{616}x^2 + 3\frac{7}{18}y^2$$

$$102) 1\frac{2}{7} - 2n + 1\frac{1}{6} + 1\frac{3}{5}m^2n^3 + n + \frac{2}{7}m^2n^3 + 9 - 3\frac{1}{2}n - 1\frac{31}{35}m^2n^3 - 4\frac{1}{2}n + 11\frac{19}{42}$$

$$103) 1\frac{1}{3}u^2v^3 - 1\frac{1}{8}u^3 + 2\frac{1}{6}u^3v^2 - \frac{1}{2}u^3 - u^2v^3 + 1\frac{1}{5}u^3 + 2\frac{1}{6}u^3v^2 + 5\frac{9}{11}u^2v^3 - 6\frac{5}{33}u^2v^3 + 4\frac{1}{3}u^3v^2 - \frac{17}{40}u^3$$

$$104) \frac{8}{11}x^2y^3 - 1\frac{9}{10}x^3y + x^3y - 2\frac{1}{4}xy^2 - 1\frac{7}{8}x^2y^3 + 1\frac{7}{9}x^2y^3 + 5xy^2 + 4\frac{6}{7}x^3y \quad \frac{499}{792}x^2y^3 + 3\frac{67}{70}x^3y + 2\frac{3}{4}xy^2$$

$$105) 3\frac{5}{8} - 1\frac{5}{6}x^2y^3 + 1\frac{7}{8} + 4\frac{7}{11}x^2y^3 - 1\frac{2}{3}y^3 + 3\frac{1}{8} + 1\frac{5}{7}y^3 + 2x^2y^3 \quad 4\frac{53}{66}x^2y^3 + \frac{1}{21}y^3 + 8\frac{5}{8}$$

$$106) \frac{3}{5}xy + 4\frac{5}{11}xy^3 + 8xy + 2\frac{2}{11}xy^2 + 1\frac{2}{3}y^3 + 4\frac{7}{8}y^3 + \frac{9}{10}xy^3 - 3\frac{5}{7}xy \quad 5\frac{39}{110}y^3x + 2\frac{2}{11}y^2x + 6\frac{13}{24}y^3 + 4\frac{31}{35}yx$$

$$107) \frac{5}{11}a^3 + 3ab + \frac{4}{5}a^3 - 1\frac{4}{5}b^2 - 1\frac{1}{2} + 5\frac{2}{5} - \frac{5}{8}a^3 + 2\frac{4}{5}b^2 \quad \frac{277}{440}a^3 + 3ab + b^2 + 3\frac{9}{10}$$

$$108) \frac{1}{10}xy + 1\frac{5}{8}x^2 + x^2 + 3\frac{5}{6}xy + 6\frac{1}{7}x^2y^3 + \frac{1}{2}xy - \frac{7}{9}y + 2\frac{4}{5} \quad 6\frac{1}{7}x^2y^3 + 4\frac{13}{30}xy + 2\frac{5}{8}x^2 - \frac{7}{9}y + 2\frac{4}{5}$$

$$109) 1\frac{1}{2}x^2y + 1\frac{3}{5}xy + 1\frac{2}{3}xy - 2\frac{1}{2} + 4\frac{1}{2}x^2y + 4\frac{4}{5} - 2xy - 2x^2y \quad 4x^2y + 1\frac{4}{15}xy + 2\frac{3}{10}$$

$$110) 2\frac{7}{9}n^3 - 1\frac{6}{11} + \frac{3}{7}n^3 + 2\frac{8}{9} + 1\frac{2}{3}m^2n + 2n^3 - 1\frac{5}{8} - \frac{1}{5}m^2n \quad 5\frac{13}{63}n^3 + 1\frac{7}{15}m^2n - \frac{223}{792}$$

$$111) 1\frac{6}{7}b - 1\frac{1}{10}a^3b^2 + 1\frac{1}{3}ab - \frac{1}{2}a - 1\frac{1}{3}b^2 + 6\frac{2}{5}ab - 3\frac{2}{3}b^2 + a \quad -1\frac{1}{10}b^2a^3 + 7\frac{11}{15}ba - 5b^2 + 1\frac{6}{7}b + \frac{1}{2}a$$

$$112) 5\frac{7}{12}x^3y + 6\frac{5}{6} + 1\frac{1}{4} - 1\frac{2}{3}x^3y^2 + \frac{5}{11}x^3y + 1\frac{1}{2} - x^3y^2 - 2\frac{1}{5}x^3y \quad -2\frac{2}{3}x^3y^2 + 3\frac{553}{660}x^3y + 9\frac{7}{12}$$

$$113) 2x^2 - 1\frac{6}{7}x^2y + 1\frac{1}{2}x^2 - 1\frac{3}{4}x^2y - y^2 + \frac{3}{4}y^2 + 4\frac{9}{11}x^2 + \frac{1}{2}x^2y \quad -3\frac{3}{28}x^2y - \frac{1}{4}y^2 + 8\frac{7}{22}x^2$$

$$114) \frac{1}{8}x^2y^3 + \frac{1}{2}y + y - \frac{3}{4}xy^3 - 3\frac{4}{5}xy^2 + 1\frac{4}{5}xy^2 + 3\frac{5}{6}xy^3 + \frac{1}{5}y \quad \frac{1}{8}y^3x^2 + 3\frac{1}{12}y^3x - 2y^2x + 1\frac{7}{10}y$$

$$115) 2\frac{9}{11}x^2y^2 + 1\frac{1}{2}xy + 6\frac{1}{9}x^2y^2 + \frac{1}{2}y^2 - 1\frac{1}{3}xy + y^2 - \frac{1}{2}x^3y^3 + 2xy \quad -\frac{1}{2}y^3x^3 + 8\frac{92}{99}y^2x^2 + 2\frac{1}{6}yx + 1\frac{1}{2}y^2$$

$$116) b^2 + 6\frac{3}{4}ab^2 + 6ab^2 - \frac{4}{5}b - 2\frac{1}{2}a^2 + 2\frac{5}{8}a^2 + 1\frac{1}{3}b + 5\frac{1}{2}b^2 \quad 12\frac{3}{4}ab^2 + 6\frac{1}{2}b^2 + \frac{1}{8}a^2 + \frac{8}{15}b$$

- 117)  $\frac{1}{6}x^3 + 6\frac{8}{11}x^3y + \frac{3}{5}x^3y - 1\frac{9}{10}y^3 + \frac{1}{8}y^2 + 3\frac{6}{7}y^3 - x^3y + 9\frac{1}{7}x^3$   $6\frac{18}{55}x^3y + 9\frac{13}{42}x^3 + 1\frac{67}{70}y^3 + \frac{1}{8}y^2$
- 118)  $5\frac{5}{8}x^2 + \frac{2}{11}y + \frac{2}{11}xy^2 + 1\frac{1}{7}x^2 - 1\frac{4}{9}x^2y^2 + 11y - 12xy^2 - 2x^2y^2$   $-3\frac{4}{9}x^2y^2 - 11\frac{9}{11}xy^2 + 6\frac{43}{56}x^2 + 11\frac{2}{11}y$
- 119)  $uv + \frac{1}{2}uv^3 + \frac{1}{2}v^3 - 1\frac{1}{5}uv^3 - 1\frac{2}{5}uv^2 + 5\frac{7}{12}uv^2 + 6\frac{7}{12}uv - \frac{1}{5}uv^3$   $-\frac{9}{10}v^3u + \frac{1}{2}v^3 + 4\frac{11}{60}v^2u + 7\frac{7}{12}vu$
- 120)  $\frac{3}{4}xy^3 - \frac{1}{4}x^3y^2 + 2\frac{5}{12}x^3y^2 - 3\frac{1}{9}y^2 - \frac{1}{2}xy + 2\frac{1}{2}y^2 - 1\frac{3}{5}xy + 1\frac{1}{2}xy^3$   $2\frac{1}{6}y^2x^3 + 2\frac{1}{4}y^3x - \frac{11}{18}y^2 - 2\frac{1}{10}yx$
- 121)  $3\frac{1}{4}y^2 + 6\frac{1}{2}x^2y^2 + 1\frac{3}{10}y^2 + \frac{6}{7}x^2y^2 + x^2 + y^2 + \frac{1}{2}x^2y^2 - 1\frac{5}{6}x^2$   $7\frac{6}{7}y^2x^2 + 5\frac{11}{20}y^2 - \frac{5}{6}x^2$
- 122)  $\frac{3}{4}u^3v^2 - 3\frac{4}{5}u^3v^3 + 1\frac{1}{2}u^3v^2 + 3\frac{3}{4}u^3v^3 - 1\frac{1}{2}uv^2 + 1\frac{1}{2}u^3v^3 + \frac{3}{11}uv^2 + 1\frac{2}{3}u^3v^2$   $1\frac{9}{20}u^3v^3 + 3\frac{11}{12}u^3v^2 - 1\frac{5}{22}uv$
- 123)  $1\frac{1}{2}mn^2 + 1\frac{2}{5}mn + 1\frac{1}{2}m^3n^3 - 2\frac{2}{3}mn^2 + 1\frac{1}{12}mn + 3m^3n^2 + 1\frac{5}{6}mn - \frac{2}{5}m^3n^3$   $1\frac{1}{10}m^3n^3 + 3m^3n^2 - 1\frac{1}{6}mn^2 + 4$
- 124)  $2\frac{3}{8}x^3y^3 + 3\frac{3}{10}y^3 + \frac{2}{5}y^3 + 1\frac{1}{2}y + 3\frac{3}{11}x^3y^3 + 1\frac{2}{9}y - 3y^3 + 1\frac{7}{12}x^3y^3$   $7\frac{61}{264}y^3x^3 + \frac{7}{10}y^3 + 2\frac{13}{18}y$
- 125)  $1\frac{7}{10}a + 5\frac{1}{2}a^3b^2 + 3\frac{3}{4}ab^2 - \frac{5}{12}a^3b + 6\frac{1}{2}a^3b^2 + \frac{5}{6}a - 1\frac{2}{3}a^3b^2 - 7a^3b$   $10\frac{1}{3}a^3b^2 - 7\frac{5}{12}a^3b + 3\frac{3}{4}ab^2 + 2\frac{8}{15}a$
- 126)  $2x^3 + 1\frac{1}{9}x^3y + \frac{1}{3}x^3y - \frac{1}{3}x^3 + 5\frac{5}{12}x^2y^2 + xy^3 - 2\frac{2}{5}x^2y^2 - 2\frac{1}{8}x^3y$   $xy^3 - \frac{49}{72}x^3y + 3\frac{1}{60}x^2y^2 + 1\frac{2}{3}x^3$
- 127)  $1\frac{1}{5}y^3 + 4\frac{7}{12}x^3y + y - \frac{7}{12}x^3y + \frac{3}{5}x^2y^3 + 6\frac{7}{8}y^3 - \frac{2}{3}x^3y + 6\frac{2}{11}y$   $\frac{3}{5}y^3x^2 + 3\frac{1}{3}yx^3 + 8\frac{3}{40}y^3 + 7\frac{2}{11}y$
- 128)  $11m^3n^2 - 2m^2n + 3\frac{4}{7}mn^3 - 3\frac{11}{12} - \frac{1}{8}m^3n^2 + 2\frac{1}{8}m^3n^2 - 1\frac{1}{2}m^2n - 1\frac{1}{2}mn^3$   $13m^3n^2 + 2\frac{1}{14}mn^3 - 3\frac{1}{2}m^2n - 3\frac{1}{1}$
- 129)  $\frac{7}{8}x^3y^2 + 1\frac{7}{12}xy^3 + 2\frac{7}{9}x - 1\frac{6}{11}x^3y^2 + 2\frac{9}{10}xy^2 + 6\frac{1}{2}x^3y^2 - \frac{3}{10}xy^3 - 1\frac{1}{2}xy^2$   $5\frac{73}{88}x^3y^2 + 1\frac{17}{60}xy^3 + 1\frac{2}{5}xy^2 + 2$

$$130) 2\frac{1}{5}a^2b^3 + \frac{3}{4}a^2 + \frac{4}{7}a^2b^3 - \frac{1}{2}a + \frac{1}{2}a^3b^2 + 2\frac{1}{2}a + 1\frac{5}{6}a^2b^3 - 1\frac{2}{5}a^2 \quad 4\frac{127}{210}a^2b^3 + \frac{1}{2}a^3b^2 - \frac{13}{20}a^2 + 2a$$

$$131) 1\frac{4}{11}x^2 - 1\frac{5}{9}x^2y^3 + 5\frac{9}{10}x^2 + 2\frac{1}{6}xy^2 + 6\frac{1}{8}x^3 + 2\frac{1}{5}x^2 - 1\frac{5}{9}x^2y^3 - 1\frac{2}{3}xy^2 \quad -3\frac{1}{9}x^2y^3 + \frac{1}{2}xy^2 + 6\frac{1}{8}x^3 + 9\frac{51}{110}x$$

$$132) 4\frac{5}{6}x^2y^3 - \frac{5}{6}y^2 + \frac{5}{6}x^2y^3 + 1\frac{5}{12}y^2 - \frac{1}{2}x^3 + 1\frac{3}{4}x^3 - x^2y^3 - 2\frac{1}{12} \quad 4\frac{2}{3}x^2y^3 + 1\frac{1}{4}x^3 + \frac{7}{12}y^2 - 2\frac{1}{12}$$

$$133) 2x^3y^3 + \frac{2}{9}x^2y^3 + \frac{9}{11} - 2x^2y^3 + \frac{2}{5}x^3y^3 + 1\frac{1}{2}x^2y^3 - x^3y^3 - 2\frac{1}{4} \quad 1\frac{2}{5}x^3y^3 - \frac{5}{18}x^2y^3 - 1\frac{19}{44}$$

$$134) 1\frac{1}{4}x^2y - 1\frac{2}{3}x^3 + 6\frac{3}{10}x^2y + 3\frac{1}{7}x^3 + \frac{5}{6} + \frac{1}{3} + 2x^3 - 2x^2y \quad 3\frac{10}{21}x^3 + 5\frac{11}{20}x^2y + 1\frac{1}{6}$$

$$135) 2\frac{3}{7}m^3n^2 + 2\frac{1}{3}m^3 + 2\frac{1}{10}m^3 - 2m^3n^2 - 1 + \frac{3}{5}m^3n^2 + 1 + 5\frac{3}{5}m^3 \quad 1\frac{1}{35}m^3n^2 + 10\frac{1}{30}m^3$$

$$136) 6\frac{6}{11} - 1\frac{1}{12}m^2n + \frac{3}{7}m^2n + 6\frac{3}{7}mn + \frac{1}{10} + \frac{1}{11} - 5m^2n + 2\frac{1}{2}mn \quad -5\frac{55}{84}m^2n + 8\frac{13}{14}mn + 6\frac{81}{110}$$

$$137) xy^2 - 1\frac{1}{2}x^3y + 4\frac{1}{3}x^2y^3 + 6\frac{5}{7}x^3y - \frac{3}{5}y + 5\frac{7}{12}x^2y^3 + 5xy^2 - 2x^3y \quad 9\frac{11}{12}y^3x^2 + 3\frac{3}{14}yx^3 + 6y^2x - \frac{3}{5}y$$

$$138) \frac{1}{5}uv + 4\frac{4}{5}u^2v^3 + 2u + 4\frac{7}{9}u^3 - \frac{4}{7}u^2v^3 + 4\frac{1}{3}u^2 - 2uv + \frac{1}{2}u \quad 4\frac{8}{35}u^2v^3 + 4\frac{7}{9}u^3 - 1\frac{4}{5}uv + 4\frac{1}{3}u^2 + 2\frac{1}{2}u$$

$$139) 2x^2y + \frac{3}{7}xy + \frac{1}{3}x^2y^2 + 2x^2 - 3x^2y + 3\frac{1}{8}x^2y + 2\frac{2}{11}x^2y^2 + \frac{6}{7}xy \quad 2\frac{17}{33}x^2y^2 + 2\frac{1}{8}x^2y + 1\frac{2}{7}xy + 2x^2$$

$$140) 6\frac{3}{11}y + x^3y^2 + \frac{4}{5}y + 1\frac{1}{2}y^2 + 6\frac{7}{12}x^2 + \frac{5}{9}x^3y^2 + \frac{3}{8}y^2 + 5\frac{2}{9}y \quad 1\frac{5}{9}x^3y^2 + 1\frac{7}{8}y^2 + 6\frac{7}{12}x^2 + 12\frac{146}{495}y$$

$$141) 2\frac{1}{2}x^2 - \frac{8}{11}xy + 5\frac{1}{2}x^3y^2 - 1\frac{1}{9}x^2 + \frac{2}{3}xy + 1\frac{2}{3}xy + \frac{1}{3}x^2y - 1\frac{1}{2}x^2 \quad 5\frac{1}{2}x^3y^2 + \frac{1}{3}x^2y - \frac{1}{9}x^2 + 1\frac{20}{33}xy$$

$$142) 1\frac{2}{9}v - \frac{8}{9}u^3v^2 + 5\frac{4}{11}v + 5uv^3 + 1\frac{9}{10}u^2v + \frac{1}{6}u^3v^2 + 6\frac{1}{3}u^2v - 1\frac{2}{3}uv^3 \quad -\frac{13}{18}v^2u^3 + 3\frac{1}{3}v^3u + 8\frac{7}{30}vu^2 + 6\frac{58}{99}v$$



$$143) \frac{1}{2}a^2b^3 + 4\frac{1}{2}a^2b + 7a^2b^2 + 1\frac{5}{11}a^2b^3 - 1\frac{9}{10}a^3b^2 + a^2 + 3\frac{1}{2}a^2b - 1\frac{3}{10}a^2b^2 \quad 1\frac{21}{22}a^2b^3 - 1\frac{9}{10}a^3b^2 + 5\frac{7}{10}a^2b^2$$

$$144) x^2 + 7xy^2 + x^2 + 2xy^2 + 5\frac{1}{10}x^2y^3 + 10x^2y^3 + 1\frac{1}{10}x^2 + \frac{1}{4}xy^2 \quad 15\frac{1}{10}x^2y^3 + 9\frac{1}{4}xy^2 + 3\frac{1}{10}x^2$$

$$145) \frac{1}{2}m^3n + \frac{8}{9}mn^3 + 1\frac{9}{11}mn^3 - 1\frac{11}{12}m^3n + 1\frac{1}{4}n^2 + 1\frac{1}{5}mn^3 - 1\frac{1}{4}m^3n - 9\frac{1}{9}n^2 \quad -2\frac{2}{3}nm^3 + 3\frac{449}{495}n^3m - 7\frac{31}{36}n^2$$

$$146) 1\frac{11}{12}x^2y^2 + 5\frac{3}{5}y + x^2y^2 - 4x^3y^2 + 6\frac{1}{2}y + 2\frac{11}{12}x^2y^2 - 1\frac{4}{7}y + 1\frac{3}{8}x^3y^2 \quad -2\frac{5}{8}y^2x^3 + 5\frac{5}{6}y^2x^2 + 10\frac{37}{70}y$$

$$147) 1\frac{1}{3}x^2 + \frac{1}{2}x^2y^3 + 1\frac{5}{6}xy - 2\frac{3}{4}x^2y^2 - 1\frac{6}{11}x^2y^3 + \frac{1}{2}xy + \frac{5}{6}xy^3 + \frac{4}{7}x^2 \quad -1\frac{1}{22}x^2y^3 - 2\frac{3}{4}x^2y^2 + \frac{5}{6}xy^3 + 1\frac{19}{21}x^2 + 2$$

$$148) 4\frac{5}{6}xy^2 + \frac{2}{9}x^2 + \frac{1}{12}xy^2 + 1\frac{1}{3}x^3y^3 + 2\frac{4}{9}x^2 + \frac{3}{7}x^2 - 3\frac{1}{2}xy^2 + 4\frac{6}{11}x^3y^3 \quad 5\frac{29}{33}x^3y^3 + 1\frac{5}{12}xy^2 + 3\frac{2}{21}x^2$$

$$149) \frac{1}{11}uv^3 + 5\frac{4}{7}u^2v + \frac{7}{10}u^2v + \frac{1}{2}uv^3 + 5\frac{1}{4}uv^2 + u^2v + 5\frac{1}{9}uv^3 + 1\frac{1}{4}u^2v^3 \quad 1\frac{1}{4}u^2v^3 + 5\frac{139}{198}uv^3 + 5\frac{1}{4}uv^2 + 7\frac{19}{70}u^2v$$

$$150) 1\frac{3}{4}a^2b^2 - 1\frac{1}{2}a^3b + \frac{3}{4}a^2b - 3\frac{1}{2}b^3 + \frac{4}{5}a^2b^2 + 1\frac{3}{7}a^2 - 2\frac{5}{8}a^3b + 10\frac{2}{5}a^2b \quad 2\frac{11}{20}b^2a^2 - 4\frac{1}{8}ba^3 + 11\frac{3}{20}ba^2 - 3\frac{1}{2}b$$

$$151) 7a^3 + 3\frac{1}{3}ab^3 + 1\frac{1}{3}a^3b^3 + 2\frac{1}{4}ab^3 + 1\frac{3}{7}a^3 + 5\frac{9}{10}ab^3 + 3\frac{1}{2}a^3b^3 + 3\frac{8}{9}a^3 \quad 4\frac{5}{6}a^3b^3 + 11\frac{29}{60}ab^3 + 12\frac{20}{63}a^3$$

$$152) 4\frac{5}{7}xy^2 + 1\frac{1}{9}x + 7y^3 + 2\frac{5}{11}x^3y^3 + 1\frac{3}{5}xy^2 + 5\frac{6}{11}x + \frac{2}{7}x^3y^3 + 1\frac{1}{2}xy^2 \quad 2\frac{57}{77}x^3y^3 + 7\frac{57}{70}xy^2 + 7y^3 + 6\frac{65}{99}x$$

$$153) 1\frac{7}{12}a^3b^3 - 2b + 2\frac{1}{2}a^3b - 1\frac{6}{7}ab^3 - 2\frac{1}{7}a^3b^3 + 2\frac{3}{4}a^3b^3 + 4\frac{1}{8}ab^3 + 6\frac{1}{2} \quad 2\frac{4}{21}a^3b^3 + 2\frac{1}{2}a^3b + 2\frac{15}{56}ab^3 - 2b + 6$$

$$154) \frac{1}{2}y + 1\frac{1}{6}x^2y^2 + \frac{5}{9}x^2y - 1\frac{2}{3}xy^3 - 1\frac{1}{7}x^2y^2 + 1\frac{1}{3}x^2y^2 + 11\frac{1}{8}y - 3\frac{6}{7}x^2y \quad 1\frac{5}{14}y^2x^2 - 1\frac{2}{3}y^3x - 3\frac{19}{63}yx^2 + 11\frac{5}{8}y$$

$$155) 1\frac{3}{4}x - 1\frac{9}{10}x^3y^2 + 4\frac{1}{4}x^3y^2 - 2\frac{1}{9}x^3y^3 + 5\frac{1}{4}x + 1\frac{10}{11}x - 1\frac{9}{10}x^3y^3 - 1\frac{1}{10}x^3y^2 \quad -4\frac{1}{90}x^3y^3 + 1\frac{1}{4}x^3y^2 + 8\frac{10}{11}x$$

$$156) 3\frac{5}{6}x^3y^3 + 3\frac{2}{7}xy^3 + 4\frac{5}{8}x^3y^2 + \frac{5}{11}x - 2x^3y^3 + 6\frac{1}{6}x^3y^3 + \frac{9}{11}x^3 - 11xy^3 \quad 8x^3y^3 + 4\frac{5}{8}x^3y^2 - 7\frac{5}{7}xy^3 + \frac{9}{11}x^3 + \frac{5}{11}x$$

$$157) \frac{11}{12}x^3 + 3\frac{1}{11}xy^3 + \frac{1}{6}x^3 - 3\frac{5}{12} + 1\frac{1}{7}xy^3 + 1\frac{2}{7}xy^3 - 2x^3 + 6\frac{7}{9} \quad 5\frac{40}{77}xy^3 - \frac{11}{12}x^3 + 3\frac{13}{36}$$

$$158) 4\frac{3}{4} + v^2 + 1\frac{8}{11}v^2 + 6\frac{6}{7} + 2\frac{1}{2}u^2v^2 + 3\frac{1}{3}u^2v^2 - \frac{1}{12}v^2 + \frac{1}{8} \quad 5\frac{5}{6}u^2v^2 + 2\frac{85}{132}v^2 + 11\frac{41}{56}$$

$$159) 6\frac{5}{7}mn^3 + \frac{7}{12}m^3n^3 + 4\frac{4}{7}m^3n^3 + 5\frac{1}{11}m^3n + 6\frac{2}{9}mn^3 + m^3n - 1\frac{1}{4}mn^3 - 1\frac{5}{9}m^3n^3 \quad 3\frac{151}{252}m^3n^3 + 11\frac{173}{252}mn^3 + 6\frac{1}{11}m^3n$$

$$160) 1\frac{1}{5}x^3y^2 + 5\frac{1}{5}x^2y + 1\frac{2}{3}x^2y - \frac{1}{3}xy^3 - 2\frac{7}{8}xy^2 + 1\frac{2}{5}xy^3 + \frac{3}{8}x^2 - 2xy^2 \quad 1\frac{1}{5}x^3y^2 + 1\frac{1}{15}xy^3 + 6\frac{13}{15}x^2y - 4\frac{7}{8}xy^2 + \frac{3}{8}x^2$$

$$161) \frac{8}{9}x^2y^3 - 8x + \frac{6}{7}x^3y^2 - 1\frac{1}{2}x^2y^3 + 1\frac{1}{3}x + 2x^2y + 1\frac{1}{11}x + \frac{7}{9}x^3y^2 \quad -\frac{11}{18}x^2y^3 + 1\frac{40}{63}x^3y^2 + 2x^2y - 5\frac{19}{33}x$$

$$162) 6\frac{1}{4}x - 3\frac{1}{2}x^3y^2 + 2\frac{3}{5}x^2y + 1\frac{1}{5}x^3y^2 + 1\frac{6}{7}x + 4\frac{5}{6}y + x - 1\frac{2}{3}xy^2 \quad -2\frac{3}{10}x^3y^2 + 2\frac{3}{5}x^2y - 1\frac{2}{3}xy^2 + 4\frac{5}{6}y + 9\frac{3}{28}x$$

$$163) 2\frac{7}{12}x^2y + 8xy^3 + \frac{1}{2}x^2y - \frac{4}{11}y - 3\frac{7}{10}xy + \frac{7}{9}y + 1\frac{4}{5}x^2y + 2x^3y^2 \quad 2y^2x^3 + 8y^3x + 4\frac{53}{60}yx^2 - 3\frac{7}{10}yx + \frac{41}{99}y$$

$$164) 9\frac{1}{3}xy - 1\frac{5}{12}x + 1\frac{2}{3}x - x^3y^3 - 1\frac{3}{10}xy^2 + 6\frac{5}{11}xy - 1\frac{5}{6}x - 1\frac{1}{7}xy^2 \quad -x^3y^3 - 2\frac{31}{70}xy^2 + 15\frac{26}{33}xy - 1\frac{7}{12}x$$

$$165) 1\frac{2}{5}mn - \frac{5}{9}m + 1\frac{1}{7}m^3 - 1\frac{5}{9}m^3n^2 + 2m + 5\frac{2}{9}m^3n^2 - 2\frac{2}{3}mn - \frac{3}{8}m^3 \quad 3\frac{2}{3}m^3n^2 + \frac{43}{56}m^3 - 1\frac{4}{15}mn + 1\frac{4}{9}m$$

$$166) 2xy^3 + xy^2 + \frac{3}{8}xy^3 + 4\frac{1}{6}xy^2 - 1\frac{1}{4}x^3y^3 + 5\frac{1}{9}x^3y^3 + 1\frac{1}{9}xy^2 + \frac{2}{7}xy^3 \quad 3\frac{31}{36}x^3y^3 + 2\frac{37}{56}xy^3 + 6\frac{5}{18}xy^2$$

$$167) \frac{5}{9}n^2 - 2\frac{1}{2}n^3 + \frac{1}{3}n^2 + \frac{7}{11}n^3 + 9\frac{5}{9}n + 1\frac{11}{12}n - 2n^3 + 2n^2 \quad -3\frac{19}{22}n^3 + 2\frac{8}{9}n^2 + 11\frac{17}{36}n$$

$$168) 1\frac{1}{2}x^2y + 2y^2 + \frac{8}{9}x + 6\frac{3}{4}y^2 - 1\frac{7}{9}x^2y + \frac{2}{3}x^2y + 1\frac{1}{8}x + 3\frac{7}{9}y^2 \quad \frac{7}{18}x^2y + 12\frac{19}{36}y^2 + 2\frac{1}{72}x$$

$$169) 1\frac{1}{2}b^3 - 3\frac{1}{3}a^2b^2 + \frac{3}{8}a^2b - 1\frac{5}{12}a^2b^2 - 1\frac{1}{3}a^3b^3 + 2a^2b^2 + 5b^2 - 2\frac{4}{11}b^3 \quad -1\frac{1}{3}b^3a^3 - 2\frac{3}{4}b^2a^2 - \frac{19}{22}b^3 + \frac{3}{8}ba^2 +$$

$$170) 6\frac{3}{4}mn^3 + \frac{2}{5}m^3n^2 + 2\frac{3}{7}mn^3 + 6\frac{4}{11}m + m^3n^2 + 6\frac{6}{7}mn^3 + m - m^3n^2 \quad \frac{2}{5}m^3n^2 + 16\frac{1}{28}mn^3 + 7\frac{4}{11}m$$

$$171) \frac{5}{8}x^2y^3 + 3\frac{3}{7}x^3y^3 + \frac{1}{3}y^2 + 1\frac{1}{2}x^2y^2 + 1\frac{5}{12}x^3y^3 + \frac{2}{5}x^3y^3 - 1\frac{2}{3}x^3y^2 + 4\frac{7}{8}x^2y^2 \quad 5\frac{103}{420}y^3x^3 + \frac{5}{8}y^3x^2 - 1\frac{2}{3}y^2x^3 +$$

$$172) 3\frac{1}{3}x^3 - 1\frac{1}{2}x^3y^3 + 2\frac{2}{3}xy + 5\frac{1}{7}xy^3 + x^3 + \frac{7}{9}x^3 - 2\frac{1}{2}x^3y^3 - \frac{4}{9}xy \quad -4x^3y^3 + 5\frac{1}{7}xy^3 + 5\frac{1}{9}x^3 + 2\frac{2}{9}xy$$

$$173) 4\frac{5}{7}y^3 - 1\frac{1}{3}x^3 + 1\frac{1}{9}y^3 - x^3y + 2\frac{5}{11}x^3 + 2y^3 - 1\frac{3}{4}x^3y + 2\frac{7}{11}x^2y^3 \quad 2\frac{7}{11}x^2y^3 - 2\frac{3}{4}x^3y + 1\frac{4}{33}x^3 + 7\frac{52}{63}y^3$$

$$174) \frac{3}{5} + \frac{1}{3}u^2 + \frac{1}{3}u^2 + 1\frac{8}{9}u^2v^3 - 3\frac{5}{6}v^2 + \frac{1}{2}v^2 - 1\frac{4}{7} + 6\frac{3}{4}u^2v^3 \quad 8\frac{23}{36}u^2v^3 + \frac{2}{3}u^2 - 3\frac{1}{3}v^2 - \frac{34}{35}$$

$$175) 2y - 2\frac{8}{11}x^3y^3 + \frac{3}{5}x^2y^3 - 4y - 1\frac{2}{3}x^3y^3 + 1\frac{2}{7}y^3 - 1\frac{1}{8}x^3y^3 - 1 \quad -5\frac{137}{264}y^3x^3 + \frac{3}{5}y^3x^2 + 1\frac{2}{7}y^3 - 2y - 1$$

$$176) \frac{1}{10}y^3 + 5\frac{3}{10}y^2 + 1\frac{1}{11}y^3 + y^2 + \frac{10}{11}y + 2\frac{4}{9}x^3y - \frac{1}{3} - \frac{1}{2}y^3 \quad 2\frac{4}{9}yx^3 + \frac{38}{55}y^3 + 6\frac{3}{10}y^2 + \frac{10}{11}y - \frac{1}{3}$$

$$177) 3\frac{1}{12}a^3 + ab^2 + 12b^2 - \frac{1}{12} - 1\frac{1}{8}ab^2 + 1\frac{1}{2}ab^2 + b^2 - 1\frac{4}{5}a^3 \quad 1\frac{3}{8}ab^2 + 1\frac{17}{60}a^3 + 13b^2 - \frac{1}{12}$$

$$178) \frac{1}{12}x^2 - 3\frac{1}{2}x^3 + 6\frac{3}{7}y + 1\frac{3}{8}x^2 - \frac{4}{7}x^3 + 5x^2 + \frac{1}{2}y - \frac{1}{2}x^3 \quad -4\frac{4}{7}x^3 + 6\frac{11}{24}x^2 + 6\frac{13}{14}y$$

$$179) 3\frac{1}{2}u + 6\frac{1}{2} + 1\frac{1}{4}v + 1\frac{6}{7} + 3\frac{1}{4}u + 9v - 1\frac{7}{9} + 4\frac{5}{12}u \quad 10\frac{1}{4}v + 11\frac{1}{6}u + 6\frac{73}{126}$$

$$180) \frac{2}{5} + 6\frac{5}{6}m + 1\frac{9}{10} - 3\frac{4}{7}m + 1\frac{1}{2}m^2n^2 + 2m^2n^2 + \frac{2}{3}m + 2\frac{1}{10} \quad 3\frac{1}{2}m^2n^2 + 3\frac{13}{14}m + 4\frac{2}{5}$$

$$181) \frac{5}{7}uv^3 + 2\frac{1}{10}uv^2 + 10v^3 - 2\frac{5}{8}u^3v + \frac{1}{2}uv^2 + 3\frac{1}{12}u^3v + 4\frac{7}{10}uv^3 - 1\frac{2}{3}uv^2 \quad 5\frac{29}{70}v^3u + \frac{11}{24}vu^3 + \frac{14}{15}v^2u + 10v^3$$

$$182) 1\frac{3}{5}xy + 2\frac{3}{8}x^3 + 1\frac{3}{5}xy + x^3 - 2\frac{2}{7}x^3y^3 + 6\frac{1}{2}x^3y^3 + \frac{3}{4}x^3 + 1\frac{6}{11}xy \quad 4\frac{3}{14}x^3y^3 + 4\frac{1}{8}x^3 + 4\frac{41}{55}xy$$

$$183) 1\frac{1}{5}n + 4\frac{5}{7}m^2n^2 + \frac{1}{4}m^2n^2 + \frac{1}{7} + 3\frac{3}{4}n + 1\frac{4}{5}m^2n^3 - \frac{1}{2}m^2 - \frac{1}{8}n \quad 1\frac{4}{5}m^2n^3 + 4\frac{27}{28}n^2m^2 - \frac{1}{2}m^2 + 4\frac{33}{40}n + \frac{1}{7}$$

$$184) 5\frac{5}{6}a^3b^2 + 5\frac{4}{7}a^3b^3 + 6\frac{7}{12}ab - 1\frac{5}{11}a^3b^2 + 2\frac{8}{9}a^3b^3 + 4\frac{1}{4} + 1\frac{7}{10}a^3b^2 + 1\frac{1}{2}a^3b^3 \quad 9\frac{121}{126}a^3b^3 + 6\frac{13}{165}a^3b^2 + 6\frac{7}{1}$$

$$185) 3\frac{1}{3}x^2y + 1\frac{3}{7}x^3y^2 + 6\frac{5}{12}x^3y^3 + \frac{3}{10}xy - \frac{3}{4}x^2y + \frac{1}{2}xy + 4\frac{7}{10}x^2y + 3\frac{3}{8}x^3y^3 \quad 9\frac{19}{24}x^3y^3 + 1\frac{3}{7}x^3y^2 + 7\frac{17}{60}x^2y + \frac{4}{5}$$

$$186) 1\frac{11}{12}u^3v + 6\frac{3}{8}u^3v^3 + 1\frac{2}{3}u^2v + 3\frac{5}{12}u^3v + 3\frac{7}{9}u^3v^3 + 4\frac{3}{10}u^2v^2 + 1\frac{7}{10}u^3v + \frac{1}{3}u^2v \quad 10\frac{11}{72}u^3v^3 + 7\frac{1}{30}u^3v + 4\frac{3}{10}$$

$$187) 1\frac{5}{8}x^2y^2 + 1\frac{3}{4}x^3y^2 + 6\frac{11}{12}x^3y^2 + \frac{1}{9}y^3 + 1\frac{11}{12}x^2y^2 + 2\frac{9}{10}y^3 - xy - 1\frac{1}{10}x^2y^2 \quad 8\frac{2}{3}y^2x^3 + 2\frac{53}{120}y^2x^2 + 3\frac{1}{90}y^3 -$$

$$188) 3\frac{2}{5}x^2 - 1\frac{1}{2}y^3 + \frac{1}{3}x^3y + 1\frac{2}{7}x^2 + 6\frac{4}{7}y^3 + \frac{1}{3}y^3 + 6\frac{7}{12}x^3y - 1\frac{1}{11}y \quad 6\frac{11}{12}x^3y + 5\frac{17}{42}y^3 + 4\frac{24}{35}x^2 - 1\frac{1}{11}y$$

$$189) 4\frac{3}{4}u^2v^2 - 1\frac{7}{12}u^3v + \frac{2}{3}u^3v - 3\frac{7}{12}u - 2u^2v^2 + 3\frac{5}{8}u^2v^2 - 1\frac{1}{2}u + 1\frac{1}{3}u^3v \quad 6\frac{3}{8}u^2v^2 + \frac{5}{12}u^3v - 5\frac{1}{12}u$$

$$190) 1\frac{3}{4}xy^2 + \frac{3}{4}y + \frac{4}{9}xy^2 + \frac{1}{2}y - 2\frac{1}{8}y^3 + \frac{7}{10}y^3 - \frac{3}{5}xy^2 - 10y \quad 1\frac{107}{180}y^2x - 1\frac{17}{40}y^3 - 8\frac{3}{4}y$$

$$191) 2\frac{3}{7}x^3y - 2xy^3 + 2xy^3 + 6\frac{2}{3}x + 5\frac{1}{12}x^3 + 4\frac{2}{3}xy^3 + x^3 - 1\frac{2}{3}x^3y \quad \frac{16}{21}x^3y + 4\frac{2}{3}xy^3 + 6\frac{1}{12}x^3 + 6\frac{2}{3}x$$

$$192) 1\frac{1}{5}y^2 - 2xy^2 + 2xy^2 - 2\frac{5}{6}y^2 + 1\frac{1}{9}x + 5\frac{1}{8}y^2 + 3\frac{5}{9}x + 4\frac{3}{8}xy^2 \quad 4\frac{3}{8}xy^2 + 3\frac{59}{120}y^2 + 4\frac{2}{3}x$$

$$193) 3\frac{7}{8}ab^2 + 1\frac{7}{8}ab + \frac{3}{5}a^2b + 2\frac{9}{10}ab^2 - 2\frac{5}{7}ab + 1\frac{1}{5}ab + 4\frac{8}{9}a^2b - \frac{5}{12}ab^2 \quad 6\frac{43}{120}ab^2 + 5\frac{22}{45}a^2b + \frac{101}{280}ab$$

$$194) 1\frac{4}{7}n^2 + 3\frac{7}{12}m^2n^2 + 6\frac{1}{8}m^3n^3 - 1\frac{10}{11}n^2 + \frac{7}{9}m^2n^2 + 2m^3n^2 - 3\frac{7}{10}m^3n^3 + \frac{3}{7}m^2n^2 \quad 2\frac{17}{40}n^3m^3 + 2n^2m^3 + 4\frac{199}{252}n$$

$$195) 1\frac{1}{3}xy + 2\frac{2}{11}x^2y^2 + 3\frac{2}{7}xy - \frac{1}{7}x^2y^2 + 4\frac{9}{11}x^3y^3 + 1\frac{2}{3}x^3y + 4\frac{1}{2}x^2y^2 + 1\frac{3}{5}x^3y^3 \quad 6\frac{23}{55}x^3y^3 + 6\frac{83}{154}x^2y^2 + 1\frac{2}{3}x^3y$$

$$196) \frac{1}{2}x + 5\frac{4}{5}x^2y^2 + 1\frac{7}{9}x^3y^3 + \frac{5}{7}x - 1\frac{1}{7}x^2y^3 + \frac{1}{2}x^3y^3 - 1\frac{3}{5}x + 4\frac{9}{11}x^2y^3 \quad 2\frac{5}{18}x^3y^3 + 3\frac{52}{77}x^2y^3 + 5\frac{4}{5}x^2y^2 - \frac{27}{70}x$$

$$197) 1\frac{3}{8}x^2 - x^2y^2 + 1\frac{5}{9}x^3y + 2\frac{2}{3}x^3y^2 + 1\frac{2}{3}y + \frac{2}{9}y + 1\frac{5}{12}x^2 + \frac{1}{8}x^2y^2 \quad 2\frac{2}{3}x^3y^2 + 1\frac{5}{9}x^3y - \frac{7}{8}x^2y^2 + 2\frac{19}{24}x^2 + 1\frac{8}{9}y$$

$$198) 2\frac{3}{4} + \frac{1}{9}xy^3 + 3\frac{1}{3}y^2 - x^2y - \frac{1}{2}xy^3 + 1\frac{3}{4}x^2y - \frac{1}{3}y^2 + 6\frac{9}{10} \quad -\frac{7}{18}xy^3 + \frac{3}{4}x^2y + 3y^2 + 9\frac{13}{20}$$

$$199) \frac{1}{6}x^3y + \frac{2}{3}x + 2\frac{1}{2}x^2y + \frac{1}{5}xy^2 + 1\frac{1}{7}y^3 + \frac{1}{4}y^3 + \frac{7}{9}x^2y - \frac{1}{5}x \quad \frac{1}{6}x^3y + 3\frac{5}{18}x^2y + \frac{1}{5}xy^2 + 1\frac{11}{28}y^3 + \frac{7}{15}x$$

$$200) 5\frac{10}{11}b^3 - 1\frac{3}{5}ab^2 + 3\frac{11}{12}a^2b^3 + 2\frac{5}{8}b^3 + 2a^2 + 6\frac{1}{3}a^2b^3 - \frac{6}{7}b^3 + 4\frac{9}{10}a^2b \quad 10\frac{1}{4}b^3a^2 + 7\frac{417}{616}b^3 - 1\frac{3}{5}b^2a + 4\frac{9}{10}b$$

$$201) \frac{7}{8}y + 6\frac{11}{20}x^3 - \frac{2}{7} + \frac{6}{11}y - 9\frac{6}{7}x^3 - \frac{2}{7} + \frac{6}{11}y - 9\frac{6}{7}x^3 \quad -13\frac{23}{140}x^3 + 1\frac{85}{88}y - \frac{4}{7}$$

$$202) 4\frac{1}{9}y + 1\frac{1}{6}x^2y^3 - 2y - 1\frac{8}{17}y^3x - 6\frac{9}{10}y^3x^2 - 2y - 1\frac{8}{17}y^3x - 6\frac{9}{10}y^3x^2 \quad -12\frac{19}{30}y^3x^2 - 2\frac{16}{17}y^3x + \frac{1}{9}y$$

$$203) 1\frac{4}{13}ab^2 - 2\frac{1}{16}b - 1\frac{3}{4}b + 3\frac{1}{2}b^2a + 1\frac{6}{13}b^3a^2 - 1\frac{3}{4}b + 3\frac{1}{2}b^2a + 1\frac{6}{13}b^3a^2 \quad 2\frac{12}{13}b^3a^2 + 8\frac{4}{13}b^2a - 5\frac{9}{16}b$$

$$204) \frac{14}{15}xy^2 + 3\frac{7}{13}xy - 1\frac{8}{13} - 1\frac{8}{9}xy^2 - 4\frac{2}{7}xy - 1\frac{8}{13} - 1\frac{8}{9}xy^2 - 4\frac{2}{7}xy \quad -2\frac{38}{45}xy^2 - 5\frac{3}{91}xy - 3\frac{3}{13}$$

$$205) \frac{4}{5}x^3 + \frac{7}{13}x^2y^2 - 9\frac{1}{8}y^2x^2 - 8\frac{1}{17}yx + \frac{2}{3}y - 9\frac{1}{8}y^2x^2 - 8\frac{1}{17}yx + \frac{2}{3}y \quad -17\frac{37}{52}x^2y^2 + \frac{4}{5}x^3 - 16\frac{2}{17}xy + 1\frac{1}{3}y$$

$$206) 8\frac{6}{7}a^3b - 1\frac{2}{3}a^3b^3 - \frac{1}{9}a^3b^3 + \frac{1}{8}a^3 - 1\frac{11}{13}a^3b - \frac{1}{9}a^3b^3 + \frac{1}{8}a^3 - 1\frac{11}{13}a^3b \quad -1\frac{8}{9}a^3b^3 + 5\frac{15}{91}a^3b + \frac{1}{4}a^3$$

$$207) 1\frac{7}{15}x^2y^2 - \frac{13}{14}x^3 - \frac{1}{11}y^2 - 7\frac{2}{11}x^3 + 2\frac{10}{19} - \frac{1}{11}y^2 - 7\frac{2}{11}x^3 + 2\frac{10}{19} \quad 1\frac{7}{15}x^2y^2 - 15\frac{45}{154}x^3 - \frac{2}{11}y^2 + 5\frac{1}{19}$$

- 208)  $1\frac{1}{4}u^3v^3 - 13u^3v^2 - 2u^3v^3 - 9\frac{7}{15}u^3v^2 - \frac{3}{16} - 2u^3v^3 - 9\frac{7}{15}u^3v^2 - \frac{3}{16} - 2\frac{3}{4}u^3v^3 - 31\frac{14}{15}u^3v^2 - \frac{3}{8}$
- 209)  $5\frac{10}{17}x^3y^2 + \frac{2}{5}y^3 - 1\frac{3}{16}x^3y^2 - 8\frac{13}{15} - 1\frac{3}{4}y^3 - 1\frac{3}{16}x^3y^2 - 8\frac{13}{15} - 1\frac{3}{4}y^3 - 3\frac{29}{136}y^2x^3 - 3\frac{1}{10}y^3 - 17\frac{11}{15}$
- 210)  $6\frac{1}{3}xy + \frac{1}{17}y^2 - 2y^3x^3 - 3\frac{5}{8}yx - 3\frac{3}{4}y^2 - 2y^3x^3 - 3\frac{5}{8}yx - 3\frac{3}{4}y^2 - 4y^3x^3 - \frac{11}{12}yx - 7\frac{15}{34}y^2$
- 211)  $2a^2b - \frac{4}{13}ab^3 - 2a^2b + 14\frac{1}{17}a^2b^3 + 1\frac{1}{9}ab^3 - 2a^2b + 14\frac{1}{17}a^2b^3 + 1\frac{1}{9}ab^3 - 28\frac{2}{17}a^2b^3 + 1\frac{107}{117}ab^3 - 2a^2b$
- 212)  $1\frac{13}{16}m^3n^2 - 1\frac{4}{7}m^2 - 5n^3 - 2\frac{5}{14}m^2 + 19\frac{3}{14}m^3n^2 - 5n^3 - 2\frac{5}{14}m^2 + 19\frac{3}{14}m^3n^2 - 40\frac{27}{112}m^3n^2 - 10n^3 - 6\frac{2}{7}m^2$
- 213)  $\frac{3}{5}x + 8\frac{2}{11}xy^3 - 10\frac{11}{15}y^3x - 3\frac{1}{10}y^3 - 4\frac{7}{10}x - 10\frac{11}{15}y^3x - 3\frac{1}{10}y^3 - 4\frac{7}{10}x - 13\frac{47}{165}xy^3 - 6\frac{1}{5}y^3 - 8\frac{4}{5}x$
- 214)  $\frac{1}{2}x^3y - \frac{1}{6}xy^3 - 2\frac{17}{18}x^3y - \frac{2}{5}x^3 + 2\frac{4}{19}xy^3 - 2\frac{17}{18}x^3y - \frac{2}{5}x^3 + 2\frac{4}{19}xy^3 - 5\frac{7}{18}x^3y + 4\frac{29}{114}xy^3 - \frac{4}{5}x^3$
- 215)  $4\frac{5}{16}x^2 + 4\frac{2}{5}x^3y^3 - 6\frac{2}{7}x^2 - 5\frac{1}{12}x^3y^3 + 2\frac{4}{9}xy^2 - 6\frac{2}{7}x^2 - 5\frac{1}{12}x^3y^3 + 2\frac{4}{9}xy^2 - 5\frac{23}{30}x^3y^3 + 4\frac{8}{9}xy^2 - 8\frac{29}{112}x^2$
- 216)  $1\frac{7}{8}x^3y - 19\frac{9}{10}x^3y^3 - \frac{7}{19}x^2 + \frac{7}{9}x^3y - \frac{7}{10}x^3y^3 - \frac{7}{19}x^2 + \frac{7}{9}x^3y - \frac{7}{10}x^3y^3 - 21\frac{3}{10}x^3y^3 + 3\frac{31}{72}x^3y - \frac{14}{19}x^2$
- 217)  $\frac{10}{13}b + \frac{2}{7}ab^3 - 6\frac{1}{6}b^3a^3 + 1\frac{2}{3}b^3a + 1\frac{16}{17}b - 6\frac{1}{6}b^3a^3 + 1\frac{2}{3}b^3a + 1\frac{16}{17}b - 12\frac{1}{3}b^3a^3 + 3\frac{13}{21}b^3a + 4\frac{144}{221}b$
- 218)  $2x^2 + 7x^3y^2 - \frac{4}{5}x^2 - \frac{17}{18}x^3 + \frac{2}{3}y^2 - \frac{4}{5}x^2 - \frac{17}{18}x^3 + \frac{2}{3}y^2 - 7x^3y^2 - 1\frac{8}{9}x^3 + \frac{2}{5}x^2 + 1\frac{1}{3}y^2$
- 219)  $1\frac{1}{7}x^2y^3 + 2\frac{1}{2}x^3y - 6\frac{3}{4}x^2y^3 - \frac{8}{9}x^2y^2 + 3\frac{3}{20}x^3y - 6\frac{3}{4}x^2y^3 - \frac{8}{9}x^2y^2 + 3\frac{3}{20}x^3y - 12\frac{5}{14}x^2y^3 + 8\frac{4}{5}x^3y - 1\frac{7}{9}x^2y$
- 220)  $3\frac{2}{17}m + 10\frac{1}{2}n + 3m - 10\frac{3}{4}n - \frac{5}{18}nm^2 + 3m - 10\frac{3}{4}n - \frac{5}{18}nm^2 - \frac{5}{9}nm^2 - 11n + 9\frac{2}{17}m$

- 221)  $1\frac{2}{17}x^2y - 1\frac{4}{7}xy - \frac{5}{12}x^2 - 6\frac{13}{16}xy - 3\frac{15}{16}x^2y - \frac{5}{12}x^2 - 6\frac{13}{16}xy - 3\frac{15}{16}x^2y$   $-6\frac{103}{136}x^2y - 15\frac{11}{56}xy - \frac{5}{6}x^2$
- 222)  $9\frac{10}{13}xy + 6\frac{14}{15}xy^2 - \frac{18}{19}x^2y - 5\frac{7}{16}xy - 1\frac{11}{18}xy^2 - \frac{18}{19}x^2y - 5\frac{7}{16}xy - 1\frac{11}{18}xy^2$   $3\frac{32}{45}xy^2 - 1\frac{17}{19}x^2y - 1\frac{11}{104}xy$
- 223)  $1\frac{1}{5}v - 1\frac{7}{10}u^2 + 2u^3v^2 - \frac{7}{12}u^2 - 6\frac{5}{6}v + 2u^3v^2 - \frac{7}{12}u^2 - 6\frac{5}{6}v$   $4u^3v^2 - 2\frac{13}{15}u^2 - 12\frac{7}{15}v$
- 224)  $1\frac{6}{7}xy + x^3y - 2\frac{1}{3}xy + 11\frac{1}{8}xy^2 + \frac{1}{3}x^3y - 2\frac{1}{3}xy + 11\frac{1}{8}xy^2 + \frac{1}{3}x^3y$   $1\frac{2}{3}x^3y + 22\frac{1}{4}xy^2 - 2\frac{17}{21}xy$
- 225)  $2\frac{16}{17}xy^3 + 2\frac{5}{14}x^2y^2 - 4\frac{1}{3}x^2y^2 + 1\frac{2}{3}xy^3 + \frac{5}{7} - 4\frac{1}{3}x^2y^2 + 1\frac{2}{3}xy^3 + \frac{5}{7}$   $6\frac{14}{51}xy^3 - 6\frac{13}{42}x^2y^2 + 1\frac{3}{7}$
- 226)  $\frac{1}{8}a^3 + 7\frac{3}{4}a^2 - 4a^3 - 8\frac{1}{16}a^2b^2 - 1\frac{2}{3}a^3b^3 - 4a^3 - 8\frac{1}{16}a^2b^2 - 1\frac{2}{3}a^3b^3$   $-3\frac{1}{3}a^3b^3 - 16\frac{1}{8}a^2b^2 - 7\frac{7}{8}a^3 + 7\frac{3}{4}a^2$
- 227)  $1\frac{3}{7}b^3 + 1\frac{6}{13}a^2b^3 - 1\frac{2}{3}b^2a - 2\frac{3}{4}b^3 + \frac{1}{9}b^3a^2 - 1\frac{2}{3}b^2a - 2\frac{3}{4}b^3 + \frac{1}{9}b^3a^2$   $1\frac{80}{117}b^3a^2 - 4\frac{1}{14}b^3 - 3\frac{1}{3}b^2a$
- 228)  $\frac{4}{9}x^3y^3 + 1\frac{2}{3}x^3y - 1\frac{1}{2}x^3y^2 - 1\frac{1}{16}x^2 - 1\frac{1}{2}x^3y - 1\frac{1}{2}x^3y^2 - 1\frac{1}{16}x^2 - 1\frac{1}{2}x^3y$   $\frac{4}{9}x^3y^3 - 3x^3y^2 - 1\frac{1}{3}x^3y - 2\frac{1}{8}x^2$
- 229)  $1\frac{11}{13}m^3 + 4\frac{7}{16}m^2n^2 - 7\frac{3}{5} - 4\frac{7}{8}n^2 - 6\frac{3}{8}m^2n^2 - 7\frac{3}{5} - 4\frac{7}{8}n^2 - 6\frac{3}{8}m^2n^2$   $-8\frac{5}{16}m^2n^2 + 1\frac{11}{13}m^3 - 9\frac{3}{4}n^2 - 15\frac{1}{5}$
- 230)  $\frac{12}{17}a^3b^3 - \frac{7}{12}a - 1\frac{3}{4}a^2b^3 - 3\frac{3}{10}ab^2 + 3\frac{1}{10}a^3b^3 - 1\frac{3}{4}a^2b^3 - 3\frac{3}{10}ab^2 + 3\frac{1}{10}a^3b^3$   $6\frac{77}{85}a^3b^3 - 3\frac{1}{2}a^2b^3 - 6\frac{3}{5}a$
- 231)  $1\frac{2}{15}x^2 - \frac{1}{5}x^3y + 7y^2x^2 - 8\frac{7}{8}y^2x + 1\frac{11}{20}y^2 + 7y^2x^2 - 8\frac{7}{8}y^2x + 1\frac{11}{20}y^2$   $14y^2x^2 - \frac{1}{5}x^3y - 17\frac{3}{4}xy^2 + 1\frac{2}{15}x^2 + 3$
- 232)  $11u^2v^3 + \frac{1}{2}uv^2 - 9\frac{1}{10} - \frac{12}{17}uv^2 + 3\frac{1}{4}u^2v^3 - 9\frac{1}{10} - \frac{12}{17}uv^2 + 3\frac{1}{4}u^2v^3$   $17\frac{1}{2}u^2v^3 - \frac{31}{34}uv^2 - 18\frac{1}{5}$
- 233)  $5\frac{16}{17}xy^3 + 3\frac{11}{20}x^2y^2 - 1\frac{7}{20}x^2y^2 + 1\frac{3}{20}x^3y^2 - 1\frac{1}{4}xy^3 - 1\frac{7}{20}x^2y^2 + 1\frac{3}{20}x^3y^2 - 1\frac{1}{4}xy^3$   $2\frac{3}{10}x^3y^2 + \frac{17}{20}x^2y^2 + 3$

$$234) 1\frac{3}{10}a^2b - 2\frac{3}{5}a^3b^3 + 9b^3 - 9\frac{13}{16}b^3a^3 - \frac{2}{3}ba^2 + 9b^3 - 9\frac{13}{16}b^3a^3 - \frac{2}{3}ba^2 \quad -22\frac{9}{40}b^3a^3 - \frac{1}{30}ba^2 + 18b^3$$

$$235) \frac{15}{19}x^2y + 4\frac{1}{2}x^3y^3 + y^3x^3 + 2y^2x - 2\frac{11}{18}y + y^3x^3 + 2y^2x - 2\frac{11}{18}y \quad 6\frac{1}{2}y^3x^3 + 4y^2x + \frac{15}{19}yx^2 - 5\frac{2}{9}y$$

$$236) 10\frac{1}{14}x^2y^3 - 2\frac{6}{7}x^2y - 10y^3x^2 - 3\frac{7}{18}yx^2 - 1\frac{4}{15}y - 10y^3x^2 - 3\frac{7}{18}yx^2 - 1\frac{4}{15}y \quad -9\frac{13}{14}y^3x^2 - 9\frac{40}{63}yx^2 - 2\frac{8}{15}y$$

$$237) 9\frac{4}{15}xy^2 + 3\frac{8}{9}x^3y^2 - 12\frac{9}{17}x^2 - 3\frac{6}{17}xy^2 - 1\frac{6}{7}x^3y^2 - 12\frac{9}{17}x^2 - 3\frac{6}{17}xy^2 - 1\frac{6}{7}x^3y^2 \quad \frac{11}{63}x^3y^2 + 2\frac{143}{255}xy^2 - 25-$$

$$238) 5\frac{7}{20}mn^3 + 6\frac{9}{14}m^3n^2 - 1\frac{3}{5}mn^3 + 1\frac{3}{10}m^3n^3 + \frac{7}{10} - 1\frac{3}{5}mn^3 + 1\frac{3}{10}m^3n^3 + \frac{7}{10} \quad 2\frac{3}{5}m^3n^3 + 6\frac{9}{14}m^3n^2 + 2\frac{3}{20}mn^3$$

$$239) 2\frac{17}{18}xy^2 + 6\frac{3}{19}x^2 - 1\frac{15}{19}x^2 - 1\frac{9}{10}x^2y + \frac{1}{2}x - 1\frac{15}{19}x^2 - 1\frac{9}{10}x^2y + \frac{1}{2}x \quad 2\frac{17}{18}xy^2 - 3\frac{4}{5}x^2y + 2\frac{11}{19}x^2 + x$$

$$240) 1\frac{3}{5}x^2y^3 + \frac{1}{9} - 19\frac{1}{14}x^2 - 8\frac{9}{14}x^2y^3 - \frac{1}{2}x^3y - 19\frac{1}{14}x^2 - 8\frac{9}{14}x^2y^3 - \frac{1}{2}x^3y \quad -15\frac{24}{35}x^2y^3 - x^3y - 38\frac{1}{7}x^2 + \frac{1}{9}$$

$$241) 8\frac{1}{4}x - 1\frac{4}{9}x^2y - 2xy^2 - \frac{5}{12}x^2y^3 - \frac{4}{11}x^2y - 2xy^2 - \frac{5}{12}x^2y^3 - \frac{4}{11}x^2y \quad -\frac{5}{6}x^2y^3 - 2\frac{17}{99}x^2y - 4xy^2 + 8\frac{1}{4}x$$

$$242) 1\frac{2}{5}x^3y^3 - 1\frac{5}{12}y^3 - 1\frac{4}{5}x^3y^3 + \frac{9}{20}x + 1\frac{11}{18}xy^3 - 1\frac{4}{5}x^3y^3 + \frac{9}{20}x + 1\frac{11}{18}xy^3 \quad -2\frac{1}{5}y^3x^3 + 3\frac{2}{9}xy^3 - 1\frac{5}{12}y^3 + \frac{9}{10}x$$

$$243) 3\frac{1}{2}m^2 + 3\frac{2}{3}mn^3 - 10\frac{1}{2}m^2 - 8\frac{3}{11}m^2n - \frac{11}{17}mn^3 - 10\frac{1}{2}m^2 - 8\frac{3}{11}m^2n - \frac{11}{17}mn^3 \quad 2\frac{19}{51}mn^3 - 16\frac{6}{11}m^2n - 17\frac{1}{2}m^2$$

$$244) \frac{2}{5} - 1\frac{13}{14}uv - 1\frac{2}{3}v^2 - 10\frac{2}{3}vu - 7\frac{13}{14}v^3u^2 - 1\frac{2}{3}v^2 - 10\frac{2}{3}vu - 7\frac{13}{14}v^3u^2 \quad -15\frac{6}{7}v^3u^2 - 23\frac{11}{42}uv - 3\frac{1}{3}v^2 + \frac{2}{5}$$

$$245) 3\frac{4}{5}n + \frac{9}{13}m^3 - 2m^3 - 1\frac{1}{2}nm + 3\frac{14}{17}n - 2m^3 - 1\frac{1}{2}nm + 3\frac{14}{17}n \quad -3\frac{4}{13}m^3 - 3nm + 11\frac{38}{85}n$$

$$246) \frac{10}{13}x^2y^3 - 1\frac{17}{18}xy - 7xy - 4\frac{7}{17}xy^3 - 3\frac{11}{18}x^2y^3 - 7xy - 4\frac{7}{17}xy^3 - 3\frac{11}{18}x^2y^3 \quad -6\frac{53}{117}x^2y^3 - 8\frac{14}{17}xy^3 - 15\frac{17}{18}xy$$



$$247) 10\frac{19}{20}x^3 - \frac{1}{2}y^2 - 2x^3 - 1\frac{8}{9}y^3x^2 - 10\frac{9}{10}y - 2x^3 - 1\frac{8}{9}y^3x^2 - 10\frac{9}{10}y \quad -3\frac{7}{9}y^3x^2 + 6\frac{19}{20}x^3 - \frac{1}{2}y^2 - 21\frac{4}{5}y$$

$$248) 2\frac{1}{2}x^3 + 1\frac{6}{7}x^2y^3 + 2y - 1\frac{1}{2}x^2y^3 + \frac{3}{4}x^3 + 2y - 1\frac{1}{2}x^2y^3 + \frac{3}{4}x^3 \quad -1\frac{1}{7}x^2y^3 + 4x^3 + 4y$$

$$249) 1\frac{17}{19}u^3v^2 + uv + v^2 - 1\frac{5}{7}vu - 9\frac{1}{13}v^2u^3 + v^2 - 1\frac{5}{7}vu - 9\frac{1}{13}v^2u^3 \quad -16\frac{64}{247}v^2u^3 + 2v^2 - 2\frac{3}{7}vu$$

$$250) 7\frac{1}{2}x^3y + 1\frac{10}{17}y^2 - 4\frac{1}{12}y^2 - 1\frac{6}{17} + \frac{1}{2}xy^3 - 4\frac{1}{12}y^2 - 1\frac{6}{17} + \frac{1}{2}xy^3 \quad 7\frac{1}{2}yx^3 + xy^3 - 6\frac{59}{102}y^2 - 2\frac{12}{17}$$

$$251) \frac{1}{13}ab^2 + 8\frac{4}{13}b - \frac{13}{14}b - 2\frac{11}{19}a^3 - 8\frac{3}{4}a^2 - \frac{13}{14}b - 2\frac{11}{19}a^3 - 8\frac{3}{4}a^2 \quad \frac{1}{13}b^2a - 5\frac{3}{19}a^3 - 17\frac{1}{2}a^2 + 6\frac{41}{91}$$

$$252) \frac{1}{10}x^3y^2 + 1\frac{1}{18}xy^3 - 1\frac{16}{19}x^3y^2 - 3\frac{1}{3}xy^2 + \frac{8}{9}xy^3 - 1\frac{16}{19}x^3y^2 - 3\frac{1}{3}xy^2 + \frac{8}{9}xy^3 \quad -3\frac{111}{190}x^3y^2 + 2\frac{5}{6}xy^3 - 6\frac{2}{3}xy^2$$

$$253) 1\frac{4}{5}x^2y^2 + 6\frac{1}{6}x^3 - x^3 - \frac{3}{20}y^2 - 4\frac{1}{4}yx^2 - x^3 - \frac{3}{20}y^2 - 4\frac{1}{4}yx^2 \quad 1\frac{4}{5}x^2y^2 + 4\frac{1}{6}x^3 - 8\frac{1}{2}yx^2 - \frac{3}{10}y^2$$

$$254) 20\frac{1}{6}m + \frac{3}{5}n - 16m - 5\frac{9}{20}n^3m^3 + 1\frac{3}{4}n - 16m - 5\frac{9}{20}n^3m^3 + 1\frac{3}{4}n \quad -10\frac{9}{10}n^3m^3 + 4\frac{1}{10}n - 11\frac{5}{6}m$$

$$255) 4\frac{1}{10}y^3 + 9\frac{1}{15} + x^2y^2 - 10\frac{16}{17} + 1\frac{14}{17}y^3 + x^2y^2 - 10\frac{16}{17} + 1\frac{14}{17}y^3 \quad 2x^2y^2 + 7\frac{127}{170}y^3 - 12\frac{208}{255}$$

$$256) \frac{13}{17}u^2 - 1\frac{4}{9}u^3v^3 - 1\frac{3}{17}u^2v^3 - \frac{1}{10}u^2 - 5\frac{1}{12}u^3v^3 - 1\frac{3}{17}u^2v^3 - \frac{1}{10}u^2 - 5\frac{1}{12}u^3v^3 \quad -11\frac{11}{18}u^3v^3 - 2\frac{6}{17}u^2v^3 + \frac{48}{85}$$

$$257) 18u^3v - 2u - \frac{5}{12}u^3v - 7\frac{1}{10}uv^3 + 1\frac{11}{19}u - \frac{5}{12}u^3v - 7\frac{1}{10}uv^3 + 1\frac{11}{19}u \quad 17\frac{1}{6}u^3v - 14\frac{1}{5}uv^3 + 1\frac{3}{19}u$$

$$258) 2\frac{1}{2}xy^3 - \frac{3}{8}x^2y^2 - 2\frac{4}{11}x^2y^2 + 3\frac{4}{5}x^3y - 2\frac{3}{14}xy^3 - 2\frac{4}{11}x^2y^2 + 3\frac{4}{5}x^3y - 2\frac{3}{14}xy^3 \quad -1\frac{13}{14}xy^3 - 5\frac{9}{88}x^2y^2 + 7\frac{3}{5}x^3y$$

$$259) 14\frac{2}{3}x^3y^3 + \frac{3}{8}y^3 - 6\frac{11}{12}y^2 - 3\frac{19}{20}y^3 + 3\frac{11}{17}y^3x^3 - 6\frac{11}{12}y^2 - 3\frac{19}{20}y^3 + 3\frac{11}{17}y^3x^3 \quad 21\frac{49}{51}y^3x^3 - 7\frac{21}{40}y^3 - 13\frac{5}{6}y^2$$

$$260) \frac{2}{3} + 3\frac{6}{7}m^2 - 10\frac{1}{4} - \frac{6}{7}n^2 - 1\frac{1}{3}m^3n^3 - 10\frac{1}{4} - \frac{6}{7}n^2 - 1\frac{1}{3}m^3n^3 \quad -2\frac{2}{3}m^3n^3 + 3\frac{6}{7}m^2 - 1\frac{5}{7}n^2 - 19\frac{5}{6}$$

$$261) 1\frac{14}{15}m^3n - \frac{6}{11}n^3 - 3\frac{11}{14}m^2 - 6\frac{3}{7} - 10\frac{7}{16}m^3n - 3\frac{11}{14}m^2 - 6\frac{3}{7} - 10\frac{7}{16}m^3n \quad -18\frac{113}{120}nm^3 - \frac{6}{11}n^3 - 7\frac{4}{7}m^2 - 12\frac{1}{2}$$

$$262) \frac{4}{11}x + 5\frac{3}{7}x^2y^2 - \frac{6}{7}x^2y^2 + 1\frac{6}{11}x^3 + 3\frac{7}{8}y - \frac{6}{7}x^2y^2 + 1\frac{6}{11}x^3 + 3\frac{7}{8}y \quad 3\frac{5}{7}x^2y^2 + 3\frac{1}{11}x^3 + \frac{4}{11}x + 7\frac{3}{4}y$$

$$263) 3\frac{11}{12}v^2 + \frac{1}{3}u^3v - 5 - 1\frac{1}{2}vu^3 - \frac{1}{3}v^2 - 5 - 1\frac{1}{2}vu^3 - \frac{1}{3}v^2 \quad -2\frac{2}{3}vu^3 + 3\frac{1}{4}v^2 - 10$$

$$264) 6\frac{14}{15}x - 1\frac{11}{18} - 8\frac{1}{17}x^3y + 1\frac{15}{17}x^3 - \frac{3}{4}xy^2 - 8\frac{1}{17}x^3y + 1\frac{15}{17}x^3 - \frac{3}{4}xy^2 \quad -16\frac{2}{17}x^3y + 3\frac{13}{17}x^3 - 1\frac{1}{2}xy^2 + 6\frac{14}{15}x -$$

$$265) 1\frac{7}{10}a^2b + \frac{3}{5}b - a^2b - 1\frac{1}{3}a^3b^3 + 1\frac{7}{8}ab^2 - a^2b - 1\frac{1}{3}a^3b^3 + 1\frac{7}{8}ab^2 \quad -2\frac{2}{3}b^3a^3 - \frac{3}{10}ba^2 + 3\frac{3}{4}b^2a + \frac{3}{5}b$$

$$266) x^3 + \frac{1}{3}xy - 1\frac{10}{17}xy - 10\frac{8}{19}x^2y + 1\frac{8}{9}x^3 - 1\frac{10}{17}xy - 10\frac{8}{19}x^2y + 1\frac{8}{9}x^3 \quad 4\frac{7}{9}x^3 - 20\frac{16}{19}x^2y - 2\frac{43}{51}xy$$

$$267) 15u^2v + 9\frac{2}{3}u^3v^3 + 2uv^3 - 10\frac{13}{19}u^2v + 1\frac{5}{18}u^3v^3 + 2uv^3 - 10\frac{13}{19}u^2v + 1\frac{5}{18}u^3v^3 \quad 12\frac{2}{9}u^3v^3 + 4uv^3 - 6\frac{7}{19}u^2v$$

$$268) 1\frac{4}{5}x^2y - \frac{1}{3}x^3y^2 + 17y^2x^3 - \frac{7}{15}y^2 + 3\frac{1}{15}yx^2 + 17y^2x^3 - \frac{7}{15}y^2 + 3\frac{1}{15}yx^2 \quad 33\frac{2}{3}y^2x^3 + 7\frac{14}{15}yx^2 - \frac{14}{15}y^2$$

$$269) 8\frac{1}{9}a^3b - \frac{1}{4}a^3b^2 - 7a^3b^2 - ab - 7\frac{6}{19}a^3b - 7a^3b^2 - ab - 7\frac{6}{19}a^3b \quad -14\frac{1}{4}a^3b^2 - 6\frac{89}{171}a^3b - 2ab$$

$$270) 10\frac{17}{20}x^3y + 2\frac{1}{2}x - 1\frac{2}{5}x^3 - 6\frac{5}{8}x^2y - 1\frac{5}{6}x^3y - 1\frac{2}{5}x^3 - 6\frac{5}{8}x^2y - 1\frac{5}{6}x^3y \quad 7\frac{11}{60}x^3y - 2\frac{4}{5}x^3 - 13\frac{1}{4}x^2y + 2\frac{1}{2}x$$

$$271) \frac{3}{14}xy^3 + 1\frac{4}{15}y - 8\frac{5}{6}yx^3 + 1\frac{10}{19}y^3x + \frac{1}{2}y^2 - 8\frac{5}{6}yx^3 + 1\frac{10}{19}y^3x + \frac{1}{2}y^2 \quad 3\frac{71}{266}y^3x - 17\frac{2}{3}yx^3 + y^2 + 1\frac{4}{15}y$$

$$272) \frac{4}{19}x^3 - 1\frac{3}{8}x^3y - 4\frac{3}{8}x^3y + \frac{6}{11}x^3y^2 - 1\frac{2}{5}x^3 - 4\frac{3}{8}x^3y + \frac{6}{11}x^3y^2 - 1\frac{2}{5}x^3 \quad 1\frac{1}{11}x^3y^2 - 10\frac{1}{8}x^3y - 2\frac{56}{95}x^3$$

$$273) 9\frac{3}{4}y^2 - 1\frac{10}{17}x^3y - \frac{2}{3}yx^3 + 1\frac{14}{15}y^2 - 5\frac{3}{8}y^3x - \frac{2}{3}yx^3 + 1\frac{14}{15}y^2 - 5\frac{3}{8}y^3x \quad -2\frac{47}{51}yx^3 - 10\frac{3}{4}y^3x + 13\frac{37}{60}y^2$$

$$274) 1\frac{1}{3}x^2 + 5\frac{15}{19}x^3 - \frac{7}{20}x^2y^2 - 4\frac{13}{14}x^2 - 6\frac{7}{10}x^2y^3 - \frac{7}{20}x^2y^2 - 4\frac{13}{14}x^2 - 6\frac{7}{10}x^2y^3 \quad -13\frac{2}{5}x^2y^3 - \frac{7}{10}x^2y^2 + 5\frac{15}{19}x^3$$

$$275) 16\frac{7}{8}v^3 - \frac{1}{5}u^3 - 1\frac{4}{5}v^3 - 5\frac{1}{3}v^2u^2 + 1\frac{1}{4}v^2u^3 - 1\frac{4}{5}v^3 - 5\frac{1}{3}v^2u^2 + 1\frac{1}{4}v^2u^3 \quad 2\frac{1}{2}v^2u^3 - 10\frac{2}{3}v^2u^2 - \frac{1}{5}u^3 + 13\frac{11}{40}v^3$$

$$276) 7\frac{6}{19}x^2y^2 + 2x^3y^2 - y^2x^2 + 12y^2x^3 - 3\frac{2}{7}y^2 - y^2x^2 + 12y^2x^3 - 3\frac{2}{7}y^2 \quad 26y^2x^3 + 5\frac{6}{19}y^2x^2 - 6\frac{4}{7}y^2$$

$$277) 8\frac{5}{6}x^3 + 2\frac{8}{9}x^3y^3 - 1\frac{1}{2}x^3y^3 + 3\frac{4}{11}xy^2 - 8\frac{17}{20}x^3 - 1\frac{1}{2}x^3y^3 + 3\frac{4}{11}xy^2 - 8\frac{17}{20}x^3 \quad -\frac{1}{9}x^3y^3 - 8\frac{13}{15}x^3 + 6\frac{8}{11}xy^2$$

$$278) 1\frac{6}{13}mn + \frac{2}{3}mn^3 - m^3n^3 - 20mn + 2mn^3 - m^3n^3 - 20mn + 2mn^3 \quad -2m^3n^3 + 4\frac{2}{3}mn^3 - 38\frac{7}{13}mn$$

$$279) \frac{9}{13}b + 9\frac{4}{5}b^2 - 8\frac{1}{15}b^2a^3 + 1\frac{2}{3}b^2 + 1\frac{4}{9}b^3a^3 - 8\frac{1}{15}b^2a^3 + 1\frac{2}{3}b^2 + 1\frac{4}{9}b^3a^3 \quad 2\frac{8}{9}b^3a^3 - 16\frac{2}{15}b^2a^3 + 13\frac{2}{15}b^2 + 9$$

$$280) 9\frac{1}{2}x^3y^2 - \frac{9}{14}x^2y^2 - 1\frac{4}{5}x^2y^3 + 1\frac{12}{17}x^3y^2 - 2\frac{1}{8}x^2y^2 - 1\frac{4}{5}x^2y^3 + 1\frac{12}{17}x^3y^2 - 2\frac{1}{8}x^2y^2 \quad 12\frac{31}{34}x^3y^2 - 3\frac{3}{5}x^2y^3 - 9$$

$$281) \frac{1}{5}m^3 + 10\frac{2}{9}m^3n^3 - 2\frac{5}{11}m^3 + \frac{1}{3}m^3n^3 - 1\frac{11}{18}m^2n^2 - 2\frac{5}{11}m^3 + \frac{1}{3}m^3n^3 - 1\frac{11}{18}m^2n^2 \quad 10\frac{8}{9}m^3n^3 - 3\frac{2}{9}m^2n^2 - 4\frac{3}{5}m^3$$

$$282) \frac{1}{4}x^2 + 1\frac{1}{2}x^2y - 12x^2 - 1\frac{2}{15}x^3 + 1\frac{5}{8}x^2y - 12x^2 - 1\frac{2}{15}x^3 + 1\frac{5}{8}x^2y \quad 4\frac{3}{4}x^2y - 2\frac{4}{15}x^3 - 23\frac{3}{4}x^2$$

$$283) 6\frac{3}{13}u^2 - 1\frac{11}{13}u^3v^3 - 8\frac{13}{18}uv + \frac{3}{10}u^2 + \frac{4}{5}u - 8\frac{13}{18}uv + \frac{3}{10}u^2 + \frac{4}{5}u \quad -1\frac{11}{13}u^3v^3 + 6\frac{54}{65}u^2 - 17\frac{4}{9}uv + 1\frac{3}{5}u$$

$$284) 1\frac{2}{3}x^2 - \frac{4}{5}y^3 - 1\frac{1}{8}x^2y^2 - 3\frac{11}{19}x + \frac{1}{2}y^3 - 1\frac{1}{8}x^2y^2 - 3\frac{11}{19}x + \frac{1}{2}y^3 \quad -2\frac{1}{4}x^2y^2 + \frac{1}{5}y^3 + 1\frac{2}{3}x^2 - 7\frac{3}{19}x$$

$$285) 1\frac{9}{10}n^3 + 1\frac{3}{8}m - 1\frac{4}{9}m^2 + 1\frac{7}{13}n^3 - 10\frac{11}{16}m - 1\frac{4}{9}m^2 + 1\frac{7}{13}n^3 - 10\frac{11}{16}m \quad 4\frac{127}{130}n^3 - 2\frac{8}{9}m^2 - 20m$$

$$286) 1\frac{1}{4}b^3 - 19a^2b^3 + 2b^3 - 1\frac{2}{13}b^3a^2 + \frac{1}{4}b^2a^2 + 2b^3 - 1\frac{2}{13}b^3a^2 + \frac{1}{4}b^2a^2 \quad -21\frac{4}{13}b^3a^2 + \frac{1}{2}b^2a^2 + 5\frac{1}{4}b^3$$

$$287) 2\frac{10}{13}y^2 + 5\frac{1}{3}y^3 - \frac{1}{5}y^3 + 1\frac{1}{3}y + 2\frac{3}{19}y^2 - \frac{1}{5}y^3 + 1\frac{1}{3}y + 2\frac{3}{19}y^2 \quad 4\frac{14}{15}y^3 + 7\frac{21}{247}y^2 + 2\frac{2}{3}y$$

$$288) 7\frac{3}{14}m^3 - 12m + 2m^2n^3 - 4\frac{5}{17}m - 1\frac{11}{17}m^3 + 2m^2n^3 - 4\frac{5}{17}m - 1\frac{11}{17}m^3 \quad 4m^2n^3 + 3\frac{219}{238}m^3 - 20\frac{10}{17}m$$

$$289) 8\frac{5}{6}u^3v^3 + 2\frac{7}{19}v^3 + 8v^3u^3 - 1\frac{4}{5}v^3 - 10\frac{1}{20}vu^3 + 8v^3u^3 - 1\frac{4}{5}v^3 - 10\frac{1}{20}vu^3 \quad 24\frac{5}{6}v^3u^3 - 20\frac{1}{10}vu^3 - 1\frac{22}{95}v^3$$

$$290) 7\frac{3}{5}u^2v + 9\frac{5}{14}u^3v^3 - \frac{1}{7}vu^2 - 1\frac{2}{3}v^3u + 1\frac{1}{18}v^3 - \frac{1}{7}vu^2 - 1\frac{2}{3}v^3u + 1\frac{1}{18}v^3 \quad 9\frac{5}{14}v^3u^3 - 3\frac{1}{3}v^3u + 7\frac{11}{35}vu^2 + 2\frac{1}{9}v$$

$$291) 1\frac{4}{9}x^2y + \frac{4}{13}x^3y - x^2y - 2x^3y + 14\frac{14}{15}x^3 - x^2y - 2x^3y + 14\frac{14}{15}x^3 \quad -3\frac{9}{13}x^3y - \frac{5}{9}x^2y + 29\frac{13}{15}x^3$$

$$292) 20 - 1\frac{1}{6}uv - 9 - 3\frac{1}{5}u + 3\frac{13}{14}uv - 9 - 3\frac{1}{5}u + 3\frac{13}{14}uv \quad 6\frac{29}{42}uv - 6\frac{2}{5}u + 2$$

$$293) 9\frac{1}{3}y^2 + \frac{16}{19}xy - 8\frac{10}{13} + 1\frac{5}{13}xy + \frac{8}{15}y^2 - 8\frac{10}{13} + 1\frac{5}{13}xy + \frac{8}{15}y^2 \quad 10\frac{2}{5}y^2 + 3\frac{151}{247}yx - 17\frac{7}{13}$$

$$294) \frac{3}{5} - xy^3 - \frac{2}{3}y^2x^2 - 4\frac{12}{13}y^3 - 7\frac{7}{12} - \frac{2}{3}y^2x^2 - 4\frac{12}{13}y^3 - 7\frac{7}{12} \quad -xy^3 - 1\frac{1}{3}y^2x^2 - 9\frac{11}{13}y^3 - 14\frac{17}{30}$$

$$295) 1\frac{1}{2}b + \frac{1}{5}a^3b - 3\frac{2}{7}ba^3 - \frac{2}{5}b^3a + 2\frac{3}{16}b - 3\frac{2}{7}ba^3 - \frac{2}{5}b^3a + 2\frac{3}{16}b \quad -6\frac{13}{35}ba^3 - \frac{4}{5}b^3a + 5\frac{7}{8}b$$

$$296) 2xy^3 + 4\frac{2}{3} - x^3y^2 - \frac{1}{4} - 7\frac{2}{5}xy^3 - x^3y^2 - \frac{1}{4} - 7\frac{2}{5}xy^3 \quad -2x^3y^2 - 12\frac{4}{5}xy^3 + 4\frac{1}{6}$$

$$297) 1\frac{13}{16}y^3 + 3\frac{11}{18}xy^2 - \frac{1}{3}yx^3 - 9\frac{3}{4}y^2x^2 - 5\frac{5}{8}y^3 - \frac{1}{3}yx^3 - 9\frac{3}{4}y^2x^2 - 5\frac{5}{8}y^3 \quad -\frac{2}{3}yx^3 - 19\frac{1}{2}y^2x^2 - 9\frac{7}{16}y^3 + 3\frac{11}{18}y$$

$$298) \frac{1}{5}x^3y - 1\frac{4}{15}xy^3 - \frac{1}{2}x^3y - 1\frac{4}{7}xy^3 + \frac{3}{4}x^2 - \frac{1}{2}x^3y - 1\frac{4}{7}xy^3 + \frac{3}{4}x^2 \quad -\frac{4}{5}x^3y - 4\frac{43}{105}xy^3 + 1\frac{1}{2}x^2$$

$$299) 2\frac{5}{11} + \frac{5}{18}x^3y^3 + 5y^3x^3 - \frac{11}{12}y^3 - 1\frac{4}{9}y^3x^2 + 5y^3x^3 - \frac{11}{12}y^3 - 1\frac{4}{9}y^3x^2 \quad 10\frac{5}{18}y^3x^3 - 2\frac{8}{9}y^3x^2 - 1\frac{5}{6}y^3 + 2\frac{5}{11}$$

$$300) 1\frac{9}{10}uv + 1\frac{11}{15}v^2 - 4\frac{6}{7}uv^2 + 3\frac{4}{5} + \frac{2}{3}uv - 4\frac{6}{7}uv^2 + 3\frac{4}{5} + \frac{2}{3}uv \quad -9\frac{5}{7}v^2u + 1\frac{11}{15}v^2 + 3\frac{7}{30}vu + 7\frac{3}{5}$$

$$301) \left(5\frac{16}{19}x + 2\frac{1}{2}xy\right) - \left(8\frac{1}{3}xy^2 + 1\frac{2}{13}x - 1\frac{1}{3}xy\right) - \left(4\frac{1}{10}x + 9\frac{7}{10}xy^2 + 5\frac{5}{6}xy\right) \quad -18\frac{1}{30}xy^2 - 2xy + \frac{1453}{2470}x$$

$$302) \left(10\frac{3}{4}x^2y^3 + \frac{1}{14}x^2y^2\right) + \left(7\frac{3}{10}x^2y^2 - x^3y^3 - 2\frac{2}{3}x^2y^3\right) + \left(1\frac{4}{9}x^3y^3 + 13x^2y^3 - \frac{1}{2}\right) \quad \frac{4}{9}x^3y^3 + 21\frac{1}{12}x^2y^3 + 7\frac{13}{35}x^2y^2$$

$$303) \left(\frac{5}{12}ab^2 + 1\frac{7}{18}\right) + \left(6\frac{2}{7}a^2b^3 - 1\frac{14}{15}a^3b^2 - 1\frac{1}{12}ab^2\right) - \left(\frac{1}{6}a^3b^2 + \frac{5}{6} - 2\frac{3}{8}a^2b^3\right) \quad 8\frac{37}{56}a^2b^3 - 2\frac{1}{10}a^3b^2 - \frac{2}{3}ab^2 + \frac{5}{9}$$

$$304) \left(20a^3b^3 + 1\frac{2}{3}a^3\right) + \left(\frac{7}{12}a^3 + \frac{7}{11}a^2b + 17\frac{11}{15}a^2b^2\right) - \left(\frac{11}{20}a^3 - 3\frac{1}{18}a^2b - 1\frac{1}{14}a^3b^3\right) \quad 21\frac{1}{14}a^3b^3 + 17\frac{11}{15}a^2b^2 + 3$$

$$305) \left(7\frac{5}{9}x^3y^2 + \frac{1}{3}x^2y\right) + \left(10\frac{13}{18}x^2y + 9\frac{3}{4} + 6\frac{1}{5}x^2\right) - \left(3\frac{5}{8}x^3y^2 - 3\frac{1}{2}x^2 + 9\frac{2}{3}\right) \quad 3\frac{67}{72}x^3y^2 + 11\frac{1}{18}x^2y + 9\frac{7}{10}x^2 + \frac{1}{12}$$

$$306) \left(2m^3n^2 + 8\frac{5}{14}m^2n\right) - \left(3\frac{1}{3}m^3 + 9\frac{3}{7} + 4\frac{7}{18}m^3n^2\right) - \left(5\frac{1}{4}m^3 + m^3n - \frac{7}{15}\right) \quad -2\frac{7}{18}m^3n^2 - m^3n - 8\frac{7}{12}m^3 + 8\frac{5}{14}m^2n$$

$$307) \left(\frac{1}{11}xy + 9\frac{5}{18}x^3y^2\right) + \left(4\frac{4}{7}x^2y - 1\frac{1}{8}x^3y^2 + 6\frac{9}{14}xy\right) - \left(1\frac{2}{13}x^2y + 7\frac{5}{7}x + \frac{1}{4}xy\right) \quad 8\frac{11}{72}x^3y^2 + 3\frac{38}{91}x^2y + 6\frac{149}{308}xy -$$

$$308) \left(4\frac{8}{11}x^3y^2 - 1\frac{10}{17}\right) + \left(1\frac{3}{7}y - \frac{1}{5} + \frac{4}{7}x^2\right) + \left(1 + 9\frac{5}{12}x^2y + 1\frac{1}{20}y\right) \quad 4\frac{8}{11}x^3y^2 + 9\frac{5}{12}yx^2 + \frac{4}{7}x^2 + 2\frac{67}{140}y - \frac{67}{85}$$

$$309) \left(\frac{11}{16}u^3v^2 + \frac{9}{16}v\right) - \left(1\frac{3}{4}v - 3\frac{1}{6}u^3v^2 + 1\frac{2}{9}u^3v\right) + \left(1\frac{3}{13}v - 1\frac{7}{18}u^3v^2 - 2\frac{7}{10}u^3v\right) \quad 2\frac{67}{144}v^2u^3 - 3\frac{83}{90}vu^3 + \frac{9}{208}v$$

$$310) \left(1\frac{5}{6}x^3y^2 - 2\frac{3}{5}x^2y^3\right) + \left(\frac{1}{4}x^3y^2 - 1\frac{1}{12}x^2y^3 + 4\frac{1}{2}x^2y\right) + \left(1\frac{14}{15}x^3y^2 - 2\frac{9}{14}x^2y + x^2y^3\right) \quad 4\frac{1}{60}x^3y^2 - 2\frac{41}{60}x^2y^3 + 1$$

$$311) \left(\frac{2}{3}ab^3 - a^2b^2\right) - \left(\frac{1}{2}ab^3 + 7\frac{12}{13}b^2 + 3\frac{7}{9}a^2b^2\right) - \left(\frac{4}{19}a^2b^2 - 1\frac{1}{6}ab^3 + 4\frac{2}{3}b^2\right) \quad -4\frac{169}{171}b^2a^2 + 1\frac{1}{3}b^3a - 12\frac{23}{39}b^2$$

$$312) \left(8\frac{1}{4}xy^2 + 1\frac{7}{19}x^3y^2\right) - \left(\frac{1}{3}xy^3 - 2\frac{1}{3}xy^2 - \frac{1}{8}x^3y^2\right) - \left(8\frac{1}{6}xy^3 - 1\frac{2}{9}x^3y^2 + 6\frac{5}{7}xy^2\right) \quad 2\frac{979}{1368}x^3y^2 - 8\frac{1}{2}xy^3 + 3\frac{73}{84}xy^2$$

$$313) \left(7\frac{1}{5}x^2y^2 + 1\frac{1}{2}y^2\right) + \left(\frac{1}{8}x^2y^2 + \frac{5}{7}y^2 + 1\frac{1}{2}xy^3\right) + \left(\frac{5}{9}xy^3 + 2x^2y^2 - \frac{1}{14}y^2\right) \quad 9\frac{13}{40}y^2x^2 + 2\frac{1}{18}y^3x + 2\frac{1}{7}y^2$$

$$314) \left(3\frac{3}{7}a^2b^2 - 1\frac{3}{8}a^2\right) - \left(10\frac{11}{15}a^2b^2 - 1\frac{11}{12}ab^3 + \frac{8}{13}ab^2\right) + \left(\frac{3}{4}a^2b^2 + 10ab^2 + 7\frac{2}{5}ab^3\right) \quad -6\frac{233}{420}a^2b^2 + 9\frac{19}{60}ab^3 + 9\frac{1}{2}ab^2$$

$$315) \left(\frac{5}{9}uv + 5\frac{1}{19}v^3\right) - \left(\frac{3}{19}v^3 + 7\frac{8}{17}uv - \frac{1}{2}u\right) - \left(2uv^3 + \frac{3}{7}uv - 1\frac{17}{18}v\right) \quad -2v^3u + 4\frac{17}{19}v^3 - 7\frac{368}{1071}vu + \frac{1}{2}u + 1\frac{17}{18}v$$

$$316) \left(1\frac{2}{3}xy^3 + 10\frac{10}{11}y\right) - \left(2\frac{1}{18}x^2y^3 + 9\frac{2}{3}y^3 + 1\frac{1}{3}y\right) + \left(xy^3 + \frac{8}{15}y - \frac{4}{19}y^3\right) \quad -2\frac{1}{18}y^3x^2 + 2\frac{2}{3}y^3x - 9\frac{50}{57}y^3 + 10\frac{6}{55}y$$

$$317) \left(6\frac{9}{13}xy - 1\frac{1}{3}x^2\right) + \left(1\frac{1}{6}x^2 + \frac{1}{15}x^3y^3 + \frac{2}{5}y\right) + \left(1\frac{3}{5}x^3y^3 + \frac{1}{15}x^2 - 1\frac{7}{12}xy\right) \quad 1\frac{2}{3}x^3y^3 - \frac{1}{10}x^2 + 5\frac{17}{156}xy + \frac{2}{5}y$$

$$318) \left(1\frac{11}{15}m^2n - 1\frac{6}{7}m^3\right) + \left(6\frac{6}{7}m^3 + 10\frac{2}{5}m^3n^2 + 1\frac{7}{8}n^2\right) - \left(1\frac{1}{7}n^2 + 1\frac{5}{12}m^2n - \frac{5}{6}m^3n^2\right) \quad 11\frac{7}{30}m^3n^2 + 5m^3 + \frac{19}{60}m^2n$$

$$319) \left(10\frac{3}{16}x^2 - 1\frac{1}{2}x^2y^2\right) - \left(7\frac{9}{11}x - \frac{3}{17}x^2y^2 + 6xy^3\right) + \left(1\frac{3}{7}xy^3 - 1\frac{1}{4}x^2 + 1\frac{2}{7}x\right) \quad -1\frac{11}{34}x^2y^2 - 4\frac{4}{7}xy^3 + 8\frac{15}{16}x^2 - 6\frac{1}{2}x$$

$$320) \left(2n^3 + 1\frac{1}{3}m^3\right) - \left(\frac{1}{3}n^3 + 2mn^2 - m^3\right) + \left(5\frac{4}{17}mn^2 + 1\frac{1}{3}n^3 + 10\frac{5}{6}m^3\right) \quad 3n^3 + 13\frac{1}{6}m^3 + 3\frac{4}{17}mn^2$$

$$321) \left(\frac{1}{13}ab^2 - 2a^3b^2\right) + \left(3\frac{1}{13}b^3 + 10\frac{4}{9}a^3b^2 + 6\frac{4}{5}ab^2\right) - \left(2\frac{5}{18}b^3 + 10\frac{1}{9}ab^2 + 6\frac{2}{15}a^3b^2\right) \quad 2\frac{14}{45}b^2a^3 - 3\frac{137}{585}b^2a + \frac{11}{13}ab^2$$

$$322) \left(1\frac{7}{10}x - 1\frac{3}{17}xy^2\right) - \left(8\frac{17}{19}y - 7 + 2x\right) - \left(9 - \frac{15}{17}x + \frac{5}{19}y\right) \quad -1\frac{3}{17}xy^2 + \frac{99}{170}x - 9\frac{3}{19}y - 2$$

$$323) \left(\frac{12}{19}x + 8\frac{1}{10}x^2\right) - \left(1\frac{5}{13}xy^2 + \frac{1}{6}x - 2x^2\right) - \left(3\frac{3}{5}x + 3\frac{7}{20}x^2 + 2xy^2\right) \quad -3\frac{5}{13}xy^2 + 6\frac{3}{4}x^2 - 3\frac{77}{570}x$$

$$324) \left(\frac{4}{11}xy^3 + \frac{3}{10}y\right) - \left(15x^3y^3 - 2\frac{3}{17}y + \frac{2}{13}xy^3\right) + \left(12x^3y^3 - \frac{1}{2}y - 1\frac{1}{4}xy^3\right) \quad -3y^3x^3 - 1\frac{23}{572}y^3x + 1\frac{83}{85}y$$

$$325) \left(1\frac{6}{7}a^3 + 8\frac{1}{2}b\right) - \left(6\frac{11}{17}b + 8\frac{7}{20}a^3 + 1\frac{1}{6}a\right) + \left(1\frac{3}{10}a - 2 + 8\frac{1}{3}a^3\right) \quad 1\frac{353}{420}a^3 + 1\frac{29}{34}b + \frac{2}{15}a - 2$$

$$326) \left(1\frac{10}{19}x - \frac{2}{19}x^2y\right) - \left(1\frac{3}{7}x^2y + 6\frac{11}{18}x - \frac{9}{11}\right) + \left(1\frac{1}{2}x^3y^3 - 14y^2 + 3\frac{7}{11}\right) \quad 1\frac{1}{2}x^3y^3 - 1\frac{71}{133}x^2y - 14y^2 - 5\frac{29}{342}x + 4$$

$$327) \left(1\frac{1}{4} + \frac{2}{3}xy\right) + \left(10\frac{5}{18}x^3y + 1\frac{2}{11}x^2y^2 + \frac{4}{11}xy\right) + \left(7\frac{1}{3}x^2y^2 + 1 - 2\frac{3}{4}x^3y\right) \quad 7\frac{19}{36}x^3y + 8\frac{17}{33}x^2y^2 + 1\frac{1}{33}xy + 2\frac{1}{4}$$

$$328) \left(x + 1\frac{3}{4}x^3y^3\right) - \left(x^3y^3 - 1\frac{1}{3}xy - 1\frac{1}{2}x^2y\right) + \left(\frac{8}{9}x^3y^3 + 3\frac{3}{10}x - 1\frac{2}{5}x^2y\right) \quad 1\frac{23}{36}x^3y^3 + \frac{1}{10}x^2y + 1\frac{1}{3}xy + 4\frac{3}{10}x$$

$$329) \left(11\frac{4}{7} + 1\frac{5}{7}mn^2\right) + \left(\frac{2}{3}mn^2 + \frac{1}{4}m^2n + 7\frac{2}{7}m^2n^2\right) + \left(\frac{1}{19}m + 4\frac{1}{4} - 3\frac{15}{17}m^2n^2\right) \quad 3\frac{48}{119}m^2n^2 + 2\frac{8}{21}mn^2 + \frac{1}{4}m^2n + \frac{1}{19}$$

$$330) \left(3\frac{9}{10}m^3n^3 + 1\frac{8}{9}n^3\right) - \left(7\frac{5}{13}n + 14 - 7n^3\right) + \left(1\frac{5}{9}n - 12m^3n^3 + 3\frac{1}{8}\right) \quad -8\frac{1}{10}n^3m^3 + 8\frac{8}{9}n^3 - 5\frac{97}{117}n - 10\frac{7}{8}$$

$$331) \left(1\frac{3}{14}xy + \frac{10}{17}\right) - \left(1\frac{3}{14}x + \frac{1}{6}x^2y^3 - 1\frac{3}{13}xy\right) - \left(4\frac{9}{16}y^3 - \frac{2}{3}x^2y^3 + \frac{1}{14}\right) \quad \frac{1}{2}x^2y^3 - 4\frac{9}{16}y^3 + 2\frac{81}{182}xy - 1\frac{3}{14}x + \frac{12}{23}$$

$$332) \left(9\frac{3}{20}u^3 + 1\frac{1}{8}u^2v\right) - \left(\frac{7}{8}u^2v - 2v + 6\frac{9}{14}u^3\right) + \left(1\frac{11}{19}u^3 - 1\frac{11}{15}v + \frac{3}{17}u^2v\right) \quad 4\frac{229}{2660}u^3 + \frac{29}{68}u^2v + \frac{4}{15}v$$

$$333) \left(1\frac{1}{12}x^3y + 8\frac{7}{15}x\right) - \left(17\frac{11}{18}x + 2\frac{3}{4} + 6\frac{3}{7}x^3y\right) - \left(2 - \frac{1}{3}x + 6\frac{1}{3}x^3y\right) \quad -11\frac{19}{28}x^3y - 8\frac{73}{90}x - 4\frac{3}{4}$$

$$334) \left(\frac{5}{16}uv + 7\frac{6}{19}u^3v^2\right) - \left(\frac{10}{19}u^2v^2 + 7\frac{11}{20}u^3v^2 + 7\frac{3}{8}uv\right) - \left(1\frac{4}{7}uv + 5\frac{3}{5}u^3v^2 - 1\frac{1}{8}u^2v^2\right) \quad -5\frac{317}{380}u^3v^2 + \frac{91}{152}u^2v^2 - 8$$

$$335) \left(\frac{12}{19}a + 9\frac{17}{18}b\right) - \left(a - \frac{2}{7}a^2b^2 + 2ab^2\right) + \left(\frac{7}{17}a + a^2b^2 - \frac{12}{17}ab^2\right) \quad 1\frac{2}{7}a^2b^2 - 2\frac{12}{17}ab^2 + 9\frac{17}{18}b + \frac{14}{323}a$$

$$336) \left(1\frac{1}{3}x^2y - \frac{7}{8}x^2y^2\right) + \left(\frac{1}{13}y - 1\frac{17}{19}x^2y^2 + 2\frac{6}{11}xy\right) - \left(4\frac{5}{14}xy - 1\frac{11}{14}x^2y - 3\frac{1}{17}x^2y^2\right) \quad \frac{747}{2584}y^2x^2 + 3\frac{5}{42}yx^2 - 1\frac{12}{15}$$

$$337) \left(1\frac{1}{2}m^2n - 3\frac{2}{9}mn\right) + \left(\frac{3}{4} - 1\frac{3}{4}n^2 + 1\frac{3}{10}mn\right) + \left(3\frac{5}{19} + \frac{1}{10}m^2n + 1\frac{1}{2}n^2\right) \quad 1\frac{3}{5}m^2n - 1\frac{83}{90}mn - \frac{1}{4}n^2 + 4\frac{1}{76}$$

$$338) \left(\frac{1}{4} + 10\frac{4}{9}x^3y^2\right) - \left(5\frac{3}{7}y^2 - \frac{12}{13} - 3\frac{9}{10}xy\right) + \left(8\frac{9}{10} + 2y^2 + 9\frac{1}{3}xy\right) \quad 10\frac{4}{9}x^3y^2 - 3\frac{3}{7}y^2 + 13\frac{7}{30}xy + 10\frac{19}{260}$$

$$339) \left(1\frac{13}{19}u^3 + 3\frac{3}{10}u^2v^3\right) - \left(\frac{11}{20}u^3 + \frac{1}{10}u^2v^3 - 2\frac{2}{5}uv\right) - \left(6\frac{7}{10}u^2 + 5\frac{1}{2}v^3 - \frac{9}{11}u^2v^3\right) \quad 4\frac{1}{55}u^2v^3 + 1\frac{51}{380}u^3 - 5\frac{1}{2}v^3 -$$

$$340) \left(1\frac{8}{19}xy + \frac{1}{6}x^3y^2\right) - \left(9\frac{7}{8}xy - \frac{7}{10}y^3 + x^3y^2\right) + \left(13xy^3 - 3\frac{7}{19}x^3y^2 - 2\frac{7}{16}x^3y\right) \quad -4\frac{23}{114}y^2x^3 + 13y^3x - 2\frac{7}{16}yx^3 +$$

$$341) \left(5\frac{1}{3}y^2 + \frac{9}{16}x^3y^2\right) + \left(\frac{4}{7}x^3 + 7\frac{15}{17}xy^3 + 10\frac{3}{4}y^2\right) - \left(\frac{4}{5}xy^3 + 1\frac{2}{3}y^2 - 1\frac{1}{2}xy^2\right) \quad \frac{9}{16}y^2x^3 + 7\frac{7}{85}xy^3 + \frac{4}{7}x^3 + 1\frac{1}{2}y^2x$$

$$342) \left(5\frac{2}{5}v^2 + \frac{5}{13}v^3\right) - \left(1\frac{8}{13}v^2 + 3\frac{2}{15}v^3 + 1\frac{1}{3}u^3v\right) - \left(9\frac{1}{4}v^2 + 1\frac{1}{5}v^3 + \frac{3}{4}u^3v\right) \quad -2\frac{1}{12}vu^3 - 3\frac{37}{39}v^3 - 5\frac{121}{260}v^2$$

$$343) \left(7\frac{11}{12}mn^3 - 1\frac{4}{17}n^3\right) + \left(\frac{19}{20}n^3 + 7\frac{14}{15}mn + 3\frac{2}{3}m^2n^3\right) + \left(9\frac{9}{10}n^2 + 5\frac{5}{6}m^2n^3 + \frac{6}{7}mn^3\right) \quad 9\frac{1}{2}n^3m^2 + 8\frac{65}{84}n^3m - \frac{97}{340}n^3$$

$$344) \left(\frac{3}{4}y + 1\frac{6}{7}xy^2\right) - \left(\frac{12}{17}y + 1\frac{4}{15}x^2 + 9\frac{13}{14}xy^2\right) - \left(\frac{1}{3}y + 5\frac{3}{4}x^2 + \frac{6}{13}xy^2\right) \quad -8\frac{97}{182}y^2x - 7\frac{1}{60}x^2 - \frac{59}{204}y$$

$$345) \left(10\frac{11}{20}ab^3 + 7\frac{7}{8}ab^2\right) + \left(1\frac{1}{12}a^3 + 2\frac{17}{18}ab^3 + 9ab^2\right) - \left(3\frac{5}{7}ab^2 - 3\frac{1}{3}a^3 + 7\frac{4}{5}ab^3\right) \quad 5\frac{25}{36}ab^3 + 13\frac{9}{56}ab^2 + 4\frac{5}{12}a^3$$

$$346) \left(\frac{8}{9}x^3y^3 - 3x^3\right) - \left(4\frac{5}{18}y + 10\frac{13}{14}x^3 - 1\frac{4}{7}x^3y^3\right) - \left(2\frac{13}{18}x^3y^3 - 2\frac{9}{20}y + \frac{3}{20}x^3\right) \quad -\frac{11}{42}y^3x^3 - 14\frac{11}{140}x^3 - 1\frac{149}{180}y$$

$$347) \left(3\frac{3}{10}uv^2 + 2\frac{2}{3}\right) + \left(1\frac{1}{7} + \frac{11}{17}uv^2 - 1\frac{7}{13}u^3\right) - \left(\frac{6}{17}u^3 - \frac{5}{17} + \frac{5}{12}uv^2\right) \quad 3\frac{541}{1020}uv^2 - 1\frac{197}{221}u^3 + 4\frac{37}{357}$$

$$348) \left(1\frac{5}{9}y^3 + \frac{17}{20}\right) + \left(6\frac{14}{19} - 3\frac{11}{14}y - 1\frac{2}{9}y^3\right) - \left(3\frac{1}{12} + y + 4\frac{5}{13}y^3\right) \quad -4\frac{2}{39}y^3 - 4\frac{11}{14}y + 4\frac{287}{570}$$

$$349) \left(5\frac{17}{18}x^3y^3 - 1\frac{1}{6}x^3\right) + \left(1\frac{5}{7}x^3y^3 + \frac{1}{5}x^2y^2 - 1\frac{8}{19}x^3\right) + \left(2\frac{10}{17}x^2y^2 + 8\frac{11}{20}x + 1\frac{3}{13}x^3y^3\right) \quad 8\frac{1457}{1638}x^3y^3 + 2\frac{67}{85}x^2y^2 -$$

$$350) \left(1\frac{1}{2}m^2n^2 + \frac{4}{5}m^3\right) + \left(5\frac{1}{6}m^3 + 10\frac{17}{18}m + 18mn^2\right) - \left(1\frac{2}{3}mn^2 + 5\frac{3}{8}m^3 - 1\frac{1}{2}m\right) \quad 1\frac{1}{2}m^2n^2 + \frac{71}{120}m^3 + 16\frac{1}{3}mn^2 + 1$$



$$351) \left(13\frac{7}{10}xy^2 - 1\frac{1}{2}x^2y^2\right) - \left(x^2y^2 + 8\frac{1}{8}x^3y^2 + 7\frac{5}{19}x\right) + \left(1\frac{9}{13}xy^2 + \frac{7}{18}x + 5\frac{3}{5}x^3y^2\right) - 2\frac{21}{40}x^3y^2 - 2\frac{1}{2}x^2y^2 + 15\frac{51}{13}$$

$$352) \left(3\frac{1}{3}uv^2 - 1\frac{5}{8}\right) - \left(9\frac{1}{6}u^3v^2 + 1\frac{1}{3} - uv^2\right) - \left(\frac{11}{12}u^3v^2 - \frac{3}{13} + \frac{1}{4}uv\right) - 10\frac{1}{12}u^3v^2 + 4\frac{1}{3}uv^2 - \frac{1}{4}uv - 2\frac{227}{312}$$

$$353) \left(2m^2n^2 - \frac{1}{2}m^3n^2\right) + \left(1\frac{7}{20}m^3n^2 - 2\frac{11}{12}m^2n^2 - 3\frac{2}{17}mn\right) - \left(1\frac{8}{15}m^3n^2 + \frac{7}{13}mn + \frac{2}{15}m^2n^2\right) - \frac{41}{60}m^3n^2 - 1\frac{1}{20}m^2n^2$$

$$354) \left(10\frac{5}{12}y^2 + 1\frac{16}{19}y\right) - \left(1\frac{1}{11}y^2 - \frac{11}{14}y + 1\frac{17}{18}xy\right) + \left(1\frac{15}{16}y + \frac{10}{19}xy + \frac{1}{3}y^2\right) 9\frac{29}{44}y^2 - 1\frac{143}{342}yx + 4\frac{1203}{2128}y$$

$$355) \left(5\frac{2}{11}xy^3 - \frac{1}{5}x^3y^3\right) - \left(5\frac{17}{18}x^2y - 1\frac{3}{8}x^3y^2 + 7\frac{5}{12}x^3y^3\right) - \left(15x^3y^3 + 4\frac{17}{18}xy + 5\frac{11}{16}x^2y\right) - 22\frac{37}{60}x^3y^3 + 1\frac{3}{8}x^3y^2 +$$

$$356) \left(1\frac{1}{2}m^3n^3 + 10\frac{1}{20}mn^3\right) + \left(16m^3n + 2\frac{1}{3}m^3n^3 + \frac{1}{19}mn^3\right) - \left(1\frac{2}{9}mn^3 - \frac{2}{3}m^3n^3 + \frac{1}{6}m^3n\right) 4\frac{1}{2}m^3n^3 + 8\frac{3011}{3420}mn^3 +$$

$$357) \left(1\frac{3}{8}xy^3 + 7\frac{6}{17}x^3y^2\right) - \left(\frac{1}{6}x^2y^2 + 1\frac{1}{10}xy^3 + 10\frac{2}{15}x^3y^2\right) + \left(xy^3 + \frac{1}{4}x^3y^2 + \frac{4}{15}x^2y^2\right) - 2\frac{541}{1020}x^3y^2 + 1\frac{11}{40}xy^3 +$$

$$358) \left(1\frac{1}{5}x^2y^3 + 1\frac{3}{11}x^2y\right) - \left(9\frac{13}{20}x^2y^3 - 2xy^2 + 1\frac{11}{14}x^2y\right) + \left(\frac{16}{19}x^2y^3 - \frac{2}{3} + 1\frac{1}{4}x^2y\right) - 7\frac{231}{380}x^2y^3 + \frac{227}{308}x^2y + 2xy^2 -$$

$$359) \left(\frac{1}{2}x^3 + 3\frac{11}{16}x^2y^2\right) + \left(9\frac{1}{12}x^3 + 9\frac{9}{16}x - 1\frac{3}{5}x^2y^2\right) - \left(\frac{7}{20}x^3 - 3\frac{1}{13}x^2y^3 - 1\frac{2}{7}x\right) 3\frac{1}{13}x^2y^3 + 2\frac{7}{80}x^2y^2 + 9\frac{7}{30}x^3 +$$

$$360) \left(1\frac{5}{8}a^2b^2 + 9\frac{3}{5}b^2\right) - \left(1\frac{7}{12}b + \frac{1}{18}a^2b^2 + 7\frac{2}{3}a\right) + \left(1\frac{1}{5}a + \frac{1}{5}a^2b^2 + 20b^2\right) 1\frac{277}{360}b^2a^2 + 29\frac{3}{5}b^2 - 1\frac{7}{12}b - 6\frac{7}{15}a$$

$$361) \left(\frac{1}{2}m^2n^3 + \frac{1}{10}\right) - \left(1\frac{6}{17}m^2n^2 - \frac{15}{17} - 1\frac{1}{3}m^2\right) + \left(1\frac{5}{17}m^2n^2 + 10\frac{4}{5}m^2n^3 + \frac{9}{10}\right) 11\frac{3}{10}m^2n^3 - \frac{1}{17}m^2n^2 + 1\frac{1}{3}m^2 +$$

$$362) \left(\frac{10}{19}u^3v^3 + 8\frac{11}{20}u^3\right) + \left(\frac{9}{14}uv^2 - \frac{1}{2}v^3 - 1\frac{1}{2}u^3\right) + \left(1\frac{1}{3}u^3v^3 - 11v^3 + \frac{7}{15}u^3\right) 1\frac{49}{57}u^3v^3 + 7\frac{31}{60}u^3 + \frac{9}{14}v^2u - 11\frac{1}{2}v^3 +$$

$$363) \left(1\frac{1}{15}y^3 + 1\frac{3}{5}xy\right) - \left(1\frac{10}{11}y^3 + \frac{7}{9}x^3y^2 - \frac{4}{11}x^2y^3\right) - \left(\frac{1}{12}x^2y^2 + 6\frac{5}{11}xy + 6\frac{3}{13}y^3\right) - \frac{7}{9}y^2x^3 + \frac{4}{11}y^3x^2 - \frac{1}{12}y^2x^2 -$$

$$364) \left(\frac{1}{4}v^3 + \frac{1}{4}u^3v\right) + \left(\frac{17}{19}v^3 - 1\frac{1}{2}u^3v - 1\frac{8}{17}u^2\right) - \left(1\frac{3}{14}v^3 - 13u^3v + 8\frac{7}{8}u^2\right) \quad 11\frac{3}{4}vu^3 - \frac{37}{532}v^3 - 10\frac{47}{136}u^2$$

$$365) \left(\frac{1}{2}y^3 + x^2y^3\right) + \left(9\frac{7}{10}x + 1\frac{5}{8}x^2y^3 + \frac{9}{19}y^3\right) - \left(2x^2y^3 + 2\frac{4}{11}y^3 - 1\frac{8}{11}x\right) \quad \frac{5}{8}y^3x^2 - 1\frac{163}{418}y^3 + 11\frac{47}{110}x$$

$$366) \left(\frac{1}{3}x^2y^2 - 18x^2y\right) + \left(1\frac{1}{2}x^2y^3 + \frac{2}{3}x^2y^2 + 5\frac{14}{19}x^2y\right) + \left(\frac{2}{3}x^2y^3 + 9\frac{7}{8}x^2y^2 + x^2\right) \quad 2\frac{1}{6}x^2y^3 + 10\frac{7}{8}x^2y^2 - 12\frac{5}{19}x^2y +$$

$$367) \left(5\frac{4}{5}u^3v^3 + 1\frac{9}{17}v^2\right) - \left(4\frac{9}{10}v^2 + \frac{4}{5}u^3v^3 - \frac{3}{10}u\right) - \left(4\frac{1}{16}u^3v^3 - \frac{1}{7}u + 6\frac{6}{7}v^2\right) \quad \frac{15}{16}v^3u^3 - 10\frac{271}{1190}v^2 + \frac{31}{70}u$$

$$368) \left(6\frac{9}{16}n^2 - \frac{3}{7}mn^3\right) + \left(9\frac{5}{6}mn^3 + 2\frac{3}{5}m^2n - 3\frac{5}{12}n^2\right) + \left(\frac{5}{9}mn^3 + 5\frac{1}{2}n^2 + \frac{1}{3}m^3n^3\right) \quad \frac{1}{3}n^3m^3 + 9\frac{121}{126}n^3m + 2\frac{3}{5}nm^2 +$$

$$369) \left(\frac{2}{5}a^3b - 14a^2b^3\right) - \left(12b + 14a^2 + 8\frac{6}{7}a^3b\right) - \left(1\frac{2}{19}a^3b + 4\frac{5}{12}a^2 + 17b\right) \quad -14a^2b^3 - 9\frac{374}{665}a^3b - 18\frac{5}{12}a^2 - 29b$$

$$370) \left(\frac{1}{2} - \frac{1}{2}m^3\right) - \left(6\frac{1}{7}n^2 + 9\frac{15}{19} + 17m^2n^2\right) + \left(\frac{3}{5}m^2n^2 - 1\frac{1}{10} + 8\frac{1}{2}n^2\right) \quad -16\frac{2}{5}m^2n^2 - \frac{1}{2}m^3 + 2\frac{5}{14}n^2 - 10\frac{37}{95}$$

$$371) \left(2x - \frac{7}{20}y\right) - \left(20\frac{3}{4}x - 1\frac{12}{13}y^2 + \frac{9}{10}x^2y^2\right) - \left(\frac{2}{7}y - 1\frac{5}{9}x^2y^2 + 8\frac{1}{2}x\right) \quad \frac{59}{90}x^2y^2 + 1\frac{12}{13}y^2 - \frac{89}{140}y - 27\frac{1}{4}x$$

$$372) \left(\frac{13}{20}x^2 + 1\frac{1}{3}\right) + \left(10\frac{6}{7}x^2 + 3\frac{9}{16} + 2\frac{4}{7}x^2y\right) + \left(\frac{2}{3} - x^2y^3 + 5\frac{1}{8}xy^2\right) \quad -x^2y^3 + 2\frac{4}{7}x^2y + 5\frac{1}{8}xy^2 + 11\frac{71}{140}x^2 + 5\frac{9}{16}$$

$$373) \left(\frac{2}{5}x^2y^3 - 2x^2y^2\right) + \left(\frac{1}{4}x^2 - 1\frac{19}{20}x^2y^3 + 1\frac{1}{4}x^2y^2\right) + \left(3\frac{8}{17}x^2 - 1\frac{7}{20}x^3y + 1\frac{1}{2}x^2y^3\right) \quad -\frac{1}{20}x^2y^3 - \frac{3}{4}x^2y^2 - 1\frac{7}{20}x^3y$$

$$374) \left(2v^3 + \frac{2}{5}u^3\right) + \left(\frac{11}{20}u^2v^3 + 2\frac{5}{17}u^2v + 10\frac{9}{10}u^3\right) + \left(3\frac{1}{2}v^3 + 1\frac{1}{5}u^2v + 1\frac{1}{6}u^3\right) \quad \frac{11}{20}u^2v^3 + 12\frac{7}{15}u^3 + 5\frac{1}{2}v^3 + 3\frac{42}{85}u^2$$

$$375) \left(\frac{1}{2}u + \frac{8}{9}uv\right) + \left(10\frac{1}{4}uv - 13\frac{1}{3} - 3\frac{13}{19}u\right) + \left(4\frac{2}{5}uv + 4\frac{2}{3} - 1\frac{1}{2}u\right) \quad 15\frac{97}{180}uv - 4\frac{13}{19}u - 8\frac{2}{3}$$

$$376) \left(9\frac{11}{17}y + 4\frac{4}{15}x\right) + \left(1\frac{1}{2} - 1\frac{2}{3}x + 1\frac{10}{13}y\right) - \left(\frac{1}{3}x + 1\frac{5}{19}y + 3\frac{9}{20}\right) \quad 10\frac{643}{4199}y + 2\frac{4}{15}x - 1\frac{19}{20}$$

$$377) \left(12\frac{11}{14}x^3 - 1\frac{9}{19}x^2y\right) - \left(7\frac{1}{10}x^2y - 6xy + 10\frac{9}{14}x^3\right) - \left(1\frac{7}{8}x^2y^3 + \frac{1}{2}x^3 + \frac{2}{11}xy\right) - 1\frac{7}{8}x^2y^3 - 8\frac{109}{190}x^2y + 1\frac{9}{14}x^3 +$$

$$378) \left(1\frac{3}{4}a^2b^2 + 6\frac{13}{18}ab\right) - \left(1\frac{9}{19}a^2b^2 + 9\frac{2}{19}ab + 10\frac{7}{16}a^3b\right) - \left(1\frac{5}{9}ab + 6\frac{1}{2}a^3b - 3\frac{14}{15}a^2b^2\right) - 4\frac{239}{1140}a^2b^2 - 16\frac{15}{16}a^3b$$

$$379) \left(4\frac{2}{19}xy + 9\frac{7}{10}x^2y\right) + \left(5\frac{5}{18}x^2y - 2\frac{3}{4}x^3y^2 + 6\frac{1}{13}xy\right) + \left(\frac{9}{13}x^2y + xy + \frac{7}{9}x^3y^2\right) - 1\frac{35}{36}x^3y^2 + 15\frac{392}{585}x^2y + 11\frac{45}{247}$$

$$380) \left(\frac{11}{14}x^2y^3 + 1\frac{3}{13}x\right) - \left(10\frac{2}{11}x^2y^2 + \frac{3}{17}x^2y^3 - 1\frac{4}{17}x^3\right) + \left(1\frac{1}{12}x^2y + 3\frac{5}{6}x^2y^2 - \frac{3}{7}x^3\right) - \frac{145}{238}x^2y^3 - 6\frac{23}{66}x^2y^2 + \frac{96}{119}$$

$$381) \left(1\frac{4}{7}y^3 + \frac{3}{10}x^3y^2\right) + \left(1\frac{5}{9}x^3y^2 + 1\frac{2}{5}y^3 + 5\frac{1}{15}xy^2\right) - \left(\frac{8}{11}y^3 + 6\frac{15}{19}xy^2 - 3\frac{3}{4}x^3y^2\right) - 5\frac{109}{180}y^2x^3 + 2\frac{94}{385}y^3 - 1\frac{206}{285}$$

$$382) \left(6\frac{9}{16}y^3 - \frac{4}{7}xy^2\right) - \left(\frac{4}{11}xy + 5\frac{14}{15}y^3 + 7\frac{1}{4}xy^2\right) + \left(\frac{1}{3}xy + 7\frac{1}{14}xy^2 + 3\frac{11}{16}y^3\right) - 4\frac{19}{60}y^3 - \frac{3}{4}y^2x - \frac{1}{33}yx$$

$$383) \left(16v^3 - 2\frac{3}{8}v^2\right) + \left(4\frac{17}{18}uv^3 + 1\frac{9}{10}v^2 + 1\frac{14}{15}uv\right) + \left(1\frac{1}{7}v^2 + 2\frac{2}{9}uv - 1\frac{1}{2}uv^3\right) - 3\frac{4}{9}v^3u + 16v^3 + \frac{187}{280}v^2 + 4\frac{7}{45}vu$$

$$384) \left(\frac{9}{17}x^3y^2 - 4x^2\right) + \left(11x^3y^2 - 1\frac{4}{5}x^3 + \frac{9}{10}x^2\right) + \left(\frac{4}{7}x^3y + xy + 3\frac{7}{13}x^3y^2\right) - 15\frac{15}{221}x^3y^2 + \frac{4}{7}x^3y - 1\frac{4}{5}x^3 + xy - 3\frac{1}{10}$$

$$385) \left(16x^3y - \frac{1}{7}xy^2\right) - \left(2y^2 - \frac{1}{2}x^2y^2 + 8\frac{3}{10}x^3y\right) + \left(4y^2 - \frac{3}{14}x^2y^2 - 1\frac{9}{10}x^3y\right) - 5\frac{4}{5}yx^3 + \frac{2}{7}y^2x^2 - \frac{1}{7}y^2x + 2y^2$$

$$386) \left(1\frac{7}{19}x^3y - \frac{1}{4}x^3y^2\right) - \left(1\frac{5}{13}x^3y + 1\frac{10}{19}x^3y^2 - \frac{4}{7}x\right) - \left(5x^2y^3 + 19\frac{1}{2}x - 1\frac{12}{19}x^3y\right) - 1\frac{59}{76}x^3y^2 - 5x^2y^3 + 1\frac{8}{13}x^3y -$$

$$387) \left(\frac{5}{9}m^3n + 4\frac{14}{15}n\right) + \left(1\frac{2}{7}mn^3 - 3\frac{15}{17}m^3n - \frac{1}{3}n\right) - \left(8\frac{7}{11}m^3n + \frac{1}{11}mn^3 + 1\frac{1}{15}n\right) - 11\frac{1621}{1683}nm^3 + 1\frac{15}{77}n^3m + 3\frac{8}{15}n$$

$$388) \left(\frac{8}{9}y^3 + \frac{9}{19}xy^2\right) + \left(6\frac{3}{4}x^3y^2 + 1\frac{5}{13}y^3 + 3\frac{1}{18}xy^2\right) - \left(5\frac{7}{12}xy^2 + 4\frac{1}{18}y^3 + 1\frac{3}{4}x^3y^2\right) - 5y^2x^3 - 2\frac{37}{684}y^2x - 1\frac{61}{78}y^3$$

$$389) \left(4\frac{5}{7}a^2 - 1\frac{1}{9}ab^3\right) - \left(1\frac{2}{3}a + \frac{2}{5}a^2 - 1\frac{15}{19}ab^3\right) - \left(\frac{3}{4}a^3b^3 + 11ab^3 + 4\frac{1}{8}a^2\right) - \frac{3}{4}a^3b^3 - 10\frac{55}{171}ab^3 + \frac{53}{280}a^2 - 1\frac{2}{3}a$$

$$390) \left(3\frac{7}{20}xy + 7\frac{1}{4}x^2\right) + \left(\frac{1}{8}xy^3 - \frac{5}{9}xy + 1\frac{6}{7}x^2\right) - \left(\frac{7}{20}xy + 4\frac{1}{4}xy^3 + \frac{1}{10}x^2\right) \quad -4\frac{1}{8}xy^3 + 9\frac{1}{140}x^2 + 2\frac{4}{9}xy$$

$$391) \left(4\frac{15}{16}u^2v^2 - 7u^3v\right) + \left(7\frac{2}{9}u^3v^3 - 2\frac{5}{14}u^2v^2 + 2u^3v\right) + \left(u^2v^2 + 1\frac{5}{16}u^3v + 6\frac{10}{19}u^3v^3\right) \quad 13\frac{128}{171}u^3v^3 + 3\frac{65}{112}u^2v^2 -$$

$$392) \left(\frac{10}{13}a^3b^3 + \frac{1}{2}a^2\right) + \left(1\frac{11}{18}b^2 + 4\frac{4}{13}a^3b^3 + 1\frac{1}{6}b\right) - \left(5\frac{1}{4}a^3b^3 - 3\frac{6}{7}a^2 + \frac{3}{11}b\right) \quad -\frac{9}{52}a^3b^3 + 4\frac{5}{14}a^2 + 1\frac{11}{18}b^2 + \frac{59}{66}b$$

$$393) \left(2\frac{1}{8}a^2b^3 - 1\frac{1}{10}a^3b^3\right) - \left(\frac{8}{17} - \frac{7}{8}a + \frac{4}{13}a^3b^3\right) + \left(1\frac{10}{11}a^3b^3 + 1\frac{3}{8} + 1\frac{15}{19}a^2b^3\right) \quad \frac{717}{1430}a^3b^3 + 3\frac{139}{152}a^2b^3 + \frac{7}{8}a + \frac{1}{19}$$

$$394) \left(1\frac{1}{3}x^3y^3 - 3\frac{7}{10}y^2\right) + \left(2\frac{17}{20}x^3 + 4\frac{5}{6}x^2 + 7\frac{1}{13}x^3y^3\right) + \left(3\frac{1}{3}x^3y^3 + 4\frac{13}{17}y^2 + 4x^2\right) \quad 11\frac{29}{39}y^3x^3 + 2\frac{17}{20}x^3 + 1\frac{11}{170}y^2$$

$$395) \left(1 + 7\frac{3}{4}x^3y\right) + \left(5\frac{6}{17}y - 1\frac{10}{17}x^3y + 9\frac{3}{8}x\right) + \left(2x + \frac{1}{20} + 7\frac{2}{5}y\right) \quad 6\frac{11}{68}x^3y + 12\frac{64}{85}y + 11\frac{3}{8}x + 1\frac{1}{20}$$

$$396) \left(1\frac{15}{17}m^3n^3 + \frac{2}{3}m^3\right) - \left(\frac{13}{14}m^2n - 2 - \frac{9}{10}m^3n\right) + \left(1\frac{9}{10} - 1\frac{1}{4}m^3n + 10\frac{13}{18}m^3n^3\right) \quad 12\frac{185}{306}m^3n^3 - \frac{7}{20}m^3n - \frac{13}{14}m^2n$$

$$397) \left(19x^3y^3 + \frac{2}{13}xy^2\right) + \left(5\frac{13}{17} - 1\frac{11}{16}xy^2 - \frac{4}{9}x^2y\right) + \left(1\frac{13}{16} + \frac{5}{6}y^3 + \frac{1}{16}x^2y\right) \quad 19x^3y^3 - 1\frac{111}{208}xy^2 - \frac{55}{144}x^2y + \frac{5}{6}y^3 + \frac{1}{16}x^2y$$

$$398) \left(8uv - 1\frac{1}{9}\right) + \left(19uv - \frac{2}{3} + 1\frac{1}{2}uv^2\right) - \left(\frac{4}{5}uv + \frac{3}{5} + \frac{5}{11}uv^2\right) \quad 1\frac{1}{22}uv^2 + 26\frac{1}{5}uv - 2\frac{17}{45}$$

$$399) \left(9\frac{1}{6}x^2y + 6\frac{3}{11}xy^2\right) - \left(\frac{4}{9}y^2 - \frac{5}{12}xy^2 - \frac{1}{2}x^2y\right) + \left(7\frac{4}{15}y^2 + 11x^2y + 1\frac{15}{16}xy^2\right) \quad 20\frac{2}{3}yx^2 + 8\frac{331}{528}y^2x + 6\frac{37}{45}y^2$$

$$400) \left(6\frac{2}{5}x^2y + 9\frac{5}{12}x^3y\right) + \left(\frac{1}{2}x^2y + 7\frac{1}{4}y^3 + 6\frac{17}{18}x^3y^3\right) + \left(11x^2y + 10\frac{1}{5}x^3y + \frac{1}{14}x^3y^3\right) \quad 7\frac{1}{63}y^3x^3 + 19\frac{37}{60}yx^3 + 7\frac{1}{4}y^3$$

$$401) \left(9\frac{15}{23}x^2y^3 + \frac{9}{10}\right) - \left(17\frac{1}{38} + 25\frac{1}{18}x^2y^3 - y\right) + \left(\frac{13}{43}x^2y^3 + 3\frac{34}{47}y + 1\frac{4}{5}x\right) \quad -15\frac{1799}{17802}x^2y^3 + 4\frac{34}{47}y + 1\frac{4}{5}x - 16\frac{1}{9}$$

$$402) \left(\frac{19}{21}x^2y - \frac{7}{10}x^2y^2\right) + \left(4\frac{4}{7}xy^3 + 1\frac{17}{36}x^2y + \frac{25}{34}y^3\right) + \left(4\frac{9}{25}x^2y^2 + 10\frac{21}{38}y^3 - \frac{11}{24}x^2y\right) \quad 3\frac{33}{50}y^2x^2 + 4\frac{4}{7}y^3x + 1\frac{463}{504}$$

$$403) \left( \frac{5}{28}uv^3 - 3\frac{1}{2}u \right) + \left( 25\frac{3}{11}u^3v^3 + \frac{31}{47}u + 23\frac{17}{28}uv^3 \right) - \left( 15\frac{1}{7}uv + 2uv^3 + 9\frac{22}{23}u^3v^3 \right) \quad 15\frac{80}{253}u^3v^3 + 21\frac{11}{14}uv^3 - 15\frac{1}{7}u$$

$$404) \left( 1\frac{9}{16}m + 6\frac{5}{12}mn^3 \right) - \left( 1\frac{1}{2}n^3 + 1\frac{2}{7}m^2n + 23\frac{9}{17}m^2n^2 \right) + \left( 22n^3 + 19\frac{7}{11}mn^3 + 1\frac{10}{19}m \right) \quad 26\frac{7}{132}mn^3 - 23\frac{9}{17}n^2m^2$$

$$405) \left( 13\frac{1}{2}x^3 + \frac{43}{46}xy^2 \right) + \left( 12\frac{2}{7}x^3 + 15\frac{25}{34}xy^2 + 24\frac{9}{47}x^2y \right) + \left( 4\frac{19}{36}x^2y + 20\frac{1}{7}xy^2 + 1\frac{1}{13}y^2 \right) \quad 25\frac{11}{14}x^3 - 34\frac{7953139}{15050763}$$

$$406) \left( \frac{10}{39}xy^3 - 49\frac{15}{49}x^2 \right) - \left( 46xy^3 + 9x^2 - 1\frac{18}{25}x \right) - \left( \frac{3}{7}x^2 + 1\frac{25}{27}xy^3 - \frac{1}{2}x \right) \quad -47\frac{235}{351}xy^3 - 58\frac{36}{49}x^2 + 2\frac{11}{50}x$$

$$407) \left( 1\frac{2}{17} - \frac{5}{7}u^2 \right) + \left( 1\frac{3}{17} + 4\frac{10}{21}u^2 + \frac{27}{35}u^2v \right) + \left( 1\frac{34}{39} + u^2 + 19\frac{17}{31}u^2v \right) \quad 20\frac{347}{1085}u^2v + 4\frac{16}{21}u^2 + 4\frac{110}{663}$$

$$408) \left( 26\frac{3}{10}x - 2\frac{1}{10}xy \right) + \left( \frac{3}{31}xy - 43x^3y^2 - \frac{10}{11}x \right) + \left( 16\frac{5}{6}x + 19\frac{1}{4}xy - 1\frac{14}{25}x^3y^2 \right) \quad -44\frac{14}{25}x^3y^2 + 17\frac{153}{620}xy + 42\frac{37}{165}$$

$$409) \left( 6\frac{2}{3}m^2n + 2mn^2 \right) - \left( \frac{14}{15}m^2n + \frac{4}{27}m^2 + \frac{5}{7}mn^2 \right) - \left( \frac{13}{14}n^3 + 43\frac{5}{34}mn^2 + \frac{13}{16}m^3n \right) \quad -\frac{13}{16}nm^3 + 5\frac{11}{15}m^2n - \frac{13}{14}n^3 - 4$$

$$410) \left( 25x^3 - \frac{15}{17}x^3y \right) - \left( 9\frac{15}{34}xy^3 - \frac{2}{3}x^3 + 19\frac{11}{30}x^3y \right) + \left( \frac{26}{43}xy^3 + \frac{18}{31}x^3 + 13x^3y \right) \quad -7\frac{127}{510}x^3y - 8\frac{1223}{1462}xy^3 + 26\frac{23}{93}x^3$$

$$411) \left( 15\frac{9}{14}x^2 + 12\frac{6}{41}y^3 \right) - \left( 1\frac{2}{9}y^3 + 5\frac{2}{35}x^2 - \frac{39}{50}y^2 \right) - \left( 18\frac{15}{49}y^3 + 13\frac{31}{42}y^2 - 13\frac{23}{25}x^2 \right) \quad -7\frac{6907}{18081}y^3 + 24\frac{177}{350}x^2 -$$

$$412) \left( \frac{7}{9}b^2 + 12\frac{31}{37}a^3b \right) + \left( 29\frac{3}{25}a^3b + \frac{2}{3}a - 37b \right) - \left( 14\frac{1}{8}b + 17\frac{32}{49}a^3b + 13\frac{3}{25}b^2 \right) \quad 24\frac{13814}{45325}ba^3 - 12\frac{77}{225}b^2 - 51\frac{1}{8}b$$

$$413) \left( 9\frac{1}{12}x^2y^3 - \frac{7}{9}y^2 \right) - \left( 20xy - \frac{1}{4}y^2 + 25\frac{15}{31}x^2y^3 \right) + \left( 1\frac{4}{19}y^2 + 22\frac{8}{11}xy + 12\frac{31}{38}x^2y^3 \right) \quad -3\frac{4133}{7068}y^3x^2 + \frac{467}{684}y^2 + 2$$

$$414) \left( 1\frac{1}{6}mn^3 + 23\frac{7}{10}mn^2 \right) - \left( \frac{16}{27}mn - 1\frac{1}{9}mn^3 + 2mn^2 \right) - \left( \frac{7}{12}n^3 + 11\frac{37}{46}mn^3 + 19\frac{7}{9}mn^2 \right) \quad -9\frac{109}{207}n^3m + 1\frac{83}{90}n^2m -$$

$$415) \left( 20\frac{23}{28}n^2 + 21\frac{9}{28}m^3n^2 \right) - \left( \frac{7}{24}m^3n^2 + 1\frac{1}{2}n^2 + 1\frac{7}{32}n \right) - \left( 21\frac{1}{2}n^2 + 18\frac{31}{39}m^3 + \frac{10}{27}m^2n^3 \right) \quad 21\frac{5}{168}n^2m^3 - \frac{10}{27}m^2n^3$$

$$416) \left(11\frac{25}{32}u^3v^2 + \frac{7}{8}v\right) + \left(2u^3 - 1\frac{14}{23}u^3v^2 + \frac{13}{29}v\right) + \left(11\frac{29}{44}u^3 - \frac{21}{22}u^3v^2 - 1\frac{1}{25}u\right) \quad 9\frac{1765}{8096}v^2u^3 + 13\frac{29}{44}u^3 + 1\frac{75}{232}v -$$

$$417) \left(9\frac{25}{33}x^3y^2 + \frac{6}{7}y^3\right) - \left(14\frac{10}{21} + 17\frac{11}{34}x^2y^2 + 12\frac{29}{30}x^3y^2\right) + \left(20\frac{16}{33}x^2y^2 - 1\frac{1}{2}y + 1\frac{7}{24}x^3y^2\right) \quad -1\frac{1211}{1320}y^2x^3 + 3\frac{181}{112}$$

$$418) \left(1\frac{1}{4}y + \frac{21}{25}xy^2\right) + \left(6\frac{4}{9}xy^2 - 1\frac{7}{17}xy + 12\frac{5}{18}y\right) + \left(1\frac{17}{45}y + 5\frac{49}{50}xy^2 + 13\frac{3}{16}xy\right) \quad 13\frac{119}{450}y^2x + 11\frac{211}{272}yx + 14\frac{163}{180}$$

$$419) \left(1\frac{1}{14}x^3 + 4\frac{4}{23}y^2\right) + \left(26x^3y^2 - 1\frac{5}{7}x^3 - 1\frac{19}{32}y^2\right) - \left(18\frac{25}{34}x^3 + 11\frac{5}{46}x^3y^2 + 16\frac{3}{5}y^2\right) \quad 14\frac{41}{46}x^3y^2 - 19\frac{45}{119}x^3 - 1$$

$$420) \left(1\frac{1}{23}u^3v^2 - 1\frac{5}{6}v^2\right) + \left(\frac{15}{34}u^3v^3 - 1\frac{27}{29}v^2 + 9\frac{19}{26}u^3v\right) - \left(v^2 + \frac{26}{31}u^3v^3 + 14\frac{16}{33}uv^3\right) \quad -\frac{419}{1054}v^3u^3 + 1\frac{1}{23}v^2u^3 - 4\frac{1}{3}$$

$$421) \left(13\frac{1}{24}b + 14\frac{15}{44}ab^2\right) - \left(a^2b + \frac{4}{23}b - 1\frac{25}{29}ab^2\right) - \left(11\frac{31}{48}a^2b + 49ab^2 + 1\frac{7}{20}b\right) \quad -32\frac{1017}{1276}b^2a - 12\frac{31}{48}ba^2 + 11\frac{14}{27}$$

$$422) \left(9\frac{13}{27}m^3n^2 + 13\frac{6}{31}n^2\right) - \left(\frac{1}{4}n^3 + \frac{9}{38}n^2 + 1\frac{8}{21}m^2n^2\right) - \left(21\frac{9}{22}n^2 - 41\frac{8}{13}m^2n^2 + \frac{2}{13}m^3n^2\right) \quad 9\frac{115}{351}n^2m^3 - 27\frac{491}{227}$$

$$423) \left(14\frac{3}{4}y^3 + 8\frac{5}{26}x^3y^2\right) + \left(13\frac{7}{48}x^3y^2 + 3\frac{33}{46}x^3y^3 + 20\frac{25}{37}y\right) + \left(24\frac{25}{37}y + 16\frac{11}{16}x^3y^3 + 22\frac{12}{31}y^3\right) \quad 20\frac{149}{368}y^3x^3 + 21$$

$$424) \left(14\frac{5}{27}x^2 + 1\frac{5}{6}y^3\right) - \left(17\frac{7}{9}y^2 + 18\frac{1}{4}y^3 - 1\frac{9}{20}x^2\right) + \left(\frac{29}{42}x - 1\frac{1}{15}y^3 - \frac{3}{19}x^2\right) \quad -17\frac{29}{60}y^3 + 15\frac{4897}{10260}x^2 - 17\frac{7}{9}y^2$$

$$425) \left(24\frac{1}{3}v^2 + 8\frac{11}{30}u^2v^3\right) - \left(1\frac{1}{2}u^2v^3 + 12\frac{3}{8}uv^3 - 35u^2v^2\right) + \left(1\frac{17}{21}uv^3 + 7\frac{25}{46}u^2v^2 - 42v^2\right) \quad 6\frac{13}{15}v^3u^2 + 42\frac{25}{46}v^2u^2 -$$

$$426) \left(\frac{5}{46}mn^3 + \frac{11}{19}n^3\right) - \left(1\frac{33}{41}mn^3 - 1\frac{11}{45}m^3n^3 + 1\frac{2}{9}m^2n^3\right) + \left(7\frac{11}{13}n^3 + 18\frac{5}{12}m^2n^3 + \frac{1}{2}mn^3\right) \quad 1\frac{11}{45}n^3m^3 + 17\frac{7}{36}n^3m$$

$$427) \left(7\frac{19}{44}ab - \frac{3}{4}a\right) - \left(25\frac{6}{37}b^3 + 1\frac{14}{41}a^2 + 12\frac{1}{2}a\right) + \left(21\frac{5}{8}b^3 + \frac{19}{26}ab - 1\frac{32}{37}a\right) \quad -3\frac{159}{296}b^3 + 8\frac{93}{572}ab - 1\frac{14}{41}a^2 - 15\frac{1}{14}$$

$$428) \left(\frac{1}{8}xy^2 + 11\frac{1}{4}x^2\right) + \left(23x^2 + 2y^3 + 25\frac{8}{15}xy^2\right) - \left(2xy^2 + 16\frac{36}{41}y^3 + 13\frac{21}{32}x^2\right) \quad 23\frac{79}{120}xy^2 - 14\frac{36}{41}y^3 + 20\frac{19}{32}x^2$$

$$429) \left( \frac{9}{10}u^2v^2 - 1\frac{22}{41}v^3 \right) - \left( 2\frac{37}{42}v^3 + 15\frac{17}{38}u^3v + 20\frac{5}{6}u^3 \right) - \left( 4\frac{10}{27}u^3v^3 + 18\frac{15}{41}u^3 + 8\frac{7}{18}v^3 \right) \quad -4\frac{10}{27}u^3v^3 - 15\frac{17}{38}vu^3 +$$

$$430) \left( \frac{3}{4}x^3y^3 + \frac{4}{11} \right) + \left( 8 + 19\frac{37}{46}x + 1\frac{3}{10}x^3y^3 \right) - \left( 1\frac{28}{31} + 22\frac{7}{41}x - 1\frac{5}{7}x^3y^3 \right) \quad 3\frac{107}{140}x^3y^3 - 2\frac{691}{1886}x + 6\frac{157}{341}$$

$$431) \left( 9\frac{3}{28}m^2n^2 + 23\frac{6}{31}m \right) + \left( 19\frac{11}{12}m^2n^2 + \frac{1}{6}m^2n + 12\frac{9}{46}m \right) - \left( \frac{5}{24}m^2n + 4\frac{2}{33}m^2n^2 - 1\frac{15}{49}m \right) \quad 24\frac{445}{462}m^2n^2 - \frac{1}{24}m^2n$$

$$432) \left( 17\frac{19}{26}x^2y^2 + 4\frac{13}{42}x^3y \right) - \left( 17\frac{15}{16}y + 14\frac{2}{9}x^3y^3 + \frac{7}{12}x^3y \right) - \left( 1\frac{1}{2}x^2y^2 + \frac{1}{2}x^3y^3 + 14\frac{13}{45}y \right) \quad -14\frac{13}{18}y^3x^3 + 3\frac{61}{84}yx^3$$

$$433) \left( 19\frac{4}{23}x^3y^3 + 15\frac{8}{17} \right) + \left( 3\frac{5}{12} + 2x^3y^3 + 1\frac{2}{3}y^2 \right) - \left( 22\frac{15}{32} + \frac{8}{13}x^3y^3 + 11\frac{34}{35}y^2 \right) \quad 20\frac{167}{299}x^3y^3 - 10\frac{32}{105}y^2 - 3\frac{949}{163}$$

$$434) \left( \frac{29}{32}x^3y^2 + 10\frac{5}{9}x^3 \right) - \left( 21\frac{4}{39} + 16\frac{28}{31}x^3y^2 + 1\frac{11}{26}x^2y \right) - \left( \frac{13}{17}x^2y - 3\frac{3}{20}x^3y^2 - 3\frac{14}{39}x^3 \right) \quad -12\frac{4201}{4960}x^3y^2 + 13\frac{107}{117}$$

$$435) \left( 1\frac{7}{12}x^2y + 5\frac{15}{16}x \right) + \left( 1\frac{43}{49} + 2x - 1\frac{7}{12}x^3y^2 \right) + \left( \frac{5}{7}x + 36 + \frac{2}{5}x^2y \right) \quad -1\frac{7}{12}x^3y^2 + 1\frac{59}{60}x^2y + 8\frac{73}{112}x + 37\frac{43}{49}$$

$$436) \left( 4\frac{25}{43}a^2b - 37b^2 \right) + \left( 1\frac{17}{41}b^2 + 1\frac{4}{9}a^3b^2 + 10\frac{20}{29}a^2 \right) - \left( 1\frac{7}{22}a^2b - \frac{11}{13}b^2 + 17\frac{19}{40}a^2 \right) \quad \frac{61645447}{207868667}b^2a^3 + \frac{274493}{4157373}$$

$$437) \left( 21\frac{16}{27}x^2y - 26\frac{23}{24}xy \right) + \left( 8\frac{1}{6}x^2y + 4\frac{3}{31}x^3y + 24\frac{1}{16} \right) + \left( 20x^2y + 8\frac{17}{38}x^3y + 11\frac{37}{38} \right) \quad 12\frac{641}{1178}x^3y + 49\frac{41}{54}x^2y - 26$$

$$438) \left( 16\frac{41}{46}m^3n + 10\frac{13}{28} \right) + \left( 1\frac{29}{35}n + \frac{28}{29}m^3n - \frac{36}{43}mn^3 \right) + \left( 1\frac{5}{16}mn^3 + 1\frac{15}{46}n + \frac{5}{18} \right) \quad -11\frac{15456137}{18069030}m^3n + \frac{327}{688}n^3m + 3$$

$$439) \left( 20\frac{39}{47}xy^2 + 8\frac{4}{5}y \right) + \left( 6y - \frac{2}{37}y^2 - 2 \right) - \left( \frac{1}{2}x^3 + 13\frac{1}{2} + 12\frac{5}{41}y^2 \right) \quad 20\frac{39}{47}y^2x - \frac{1}{2}x^3 - 12\frac{267}{1517}y^2 + 14\frac{4}{5}y - 15\frac{1}{2}$$

$$440) \left( 19\frac{11}{28}u^2v^2 + 17\frac{1}{6}uv^3 \right) - \left( 1\frac{1}{2}uv^3 - 10u^2v^3 - 3\frac{15}{22}u^2v^2 \right) - \left( 10\frac{4}{17}u^2v^3 + \frac{1}{3}u^2v^2 - \frac{12}{35}uv^3 \right) \quad -\frac{4}{17}u^2v^3 + 16\frac{1}{105}uv^3$$

$$441) \left( \frac{17}{19}xy^2 + 21\frac{19}{20}y^2 \right) + \left( 2y^2 + 1\frac{9}{38}xy^2 - \frac{13}{20}x^2y^3 \right) + \left( 1\frac{17}{25}y^2 - 1\frac{5}{13}xy^2 - \frac{17}{40}x^2y^3 \right) \quad -1\frac{3}{40}y^3x^2 + \frac{369}{494}y^2x + 25\frac{6}{10}$$

$$442) \left(37y^2 - \frac{1}{3}x^2y^3\right) + \left(20\frac{19}{23}y^2 + 1\frac{2}{3}x^2y^3 + 9\frac{11}{40}x^3\right) - \left(4\frac{29}{50}y^2 - 1\frac{1}{2}x^2y^3 + 21\frac{15}{16}x^3\right) \quad 2\frac{5}{6}y^3x^2 - 12\frac{53}{80}x^3 + 53\frac{28}{115}$$

$$443) \left(1\frac{5}{6}u^3 + 13\frac{30}{43}uv^2\right) + \left(22\frac{17}{28}uv^2 + 20\frac{14}{19}u^3 + 19\frac{21}{46}u^2v^3\right) + \left(\frac{7}{37}uv^2 + 23\frac{5}{6}u^3 - 3\frac{16}{17}u^2v^3\right) \quad -1\frac{391376357}{496420638}u^2v^3$$

$$444) \left(\frac{9}{23}a^3b^2 - 50\frac{11}{18}b\right) - \left(12\frac{13}{43}a^2b^2 + 12\frac{15}{16}a^3b^2 + 5\frac{4}{9}b\right) - \left(\frac{27}{43}b + 7\frac{25}{48}a^3b^2 + 23\frac{37}{50}\right) \quad -20\frac{37}{552}b^2a^3 - 12\frac{13}{43}b^2a^2$$

$$445) \left(\frac{5}{7} - 1\frac{1}{6}m^3n^2\right) - \left(22\frac{1}{3}m^3 + 11\frac{11}{18} + 23\frac{1}{16}m^3n^2\right) - \left(3\frac{1}{3}mn^3 + 23\frac{5}{6}m^3 + 21\frac{1}{2}mn^2\right) \quad -24\frac{11}{48}m^3n^2 - 3\frac{1}{3}mn^3 - 46$$

$$446) \left(25\frac{19}{28}x^3 + 5\frac{42}{47}x^2y^2\right) - \left(\frac{1}{8}xy + 6\frac{43}{48}x^3y^3 + \frac{17}{20}x^3\right) - \left(13\frac{8}{23}x^3y^3 - 2xy + 11\frac{27}{34}x^3\right) \quad -20\frac{269}{1104}x^3y^3 + 5\frac{42}{47}x^2y^2$$

$$447) \left(12\frac{7}{19}n + \frac{25}{41}m^2n\right) + \left(\frac{2}{3}m^2n^2 + \frac{1}{5}m^2n^3 + 2\frac{37}{38}n\right) + \left(\frac{1}{2}m^2n^2 + 16\frac{1}{21}m^2n + 8\frac{25}{42}m^2n^3\right) \quad 8\frac{167}{210}n^3m^2 + 1\frac{1}{6}n^2m^2 +$$

$$448) \left(1\frac{19}{26}xy + 13\frac{5}{22}xy^3\right) + \left(7\frac{5}{6}xy^3 + \frac{7}{12}x^2y^2 + 4\frac{29}{35}x^2y\right) - \left(23\frac{12}{43}xy^3 + 17\frac{29}{35}xy + 1\frac{38}{47}x^2y^2\right) \quad -2\frac{310}{1419}xy^3 - 1\frac{127}{564}$$

$$449) \left(19\frac{18}{31}u + 7\frac{43}{45}v^3\right) - \left(13\frac{13}{16}uv + 4\frac{31}{42}u - 1\frac{5}{38}u^2v^2\right) - \left(13\frac{33}{46}u^2 + 12\frac{17}{42}v^3 - \frac{1}{3}u^2v^2\right) \quad 1\frac{53}{114}u^2v^2 - 4\frac{283}{630}v^3 - 13$$

$$450) \left(19\frac{13}{20}m^3 - 1\frac{2}{3}m^2\right) + \left(12m^3n^2 + 1\frac{1}{2}m^3 - 9mn\right) + \left(25\frac{5}{24}m^3 + 15\frac{15}{23}m^3n^2 - 3\frac{29}{35}mn^3\right) \quad 27\frac{15}{23}m^3n^2 - 3\frac{29}{35}mn^3 +$$

$$451) \left(14\frac{1}{43}x^2y^3 + 7\frac{1}{3}xy^3\right) + \left(1\frac{1}{7}x^3y^2 + \frac{20}{33}xy + 1\frac{23}{35}x^2y^3\right) + \left(46\frac{25}{26}x^3y^2 - \frac{4}{5}xy^3 + \frac{19}{37}xy\right) \quad 15\frac{1024}{1505}x^2y^3 - 41\frac{37761}{47777}$$

$$452) \left(15\frac{1}{24}v^3 + 2\frac{1}{20}u\right) - \left(10\frac{31}{50}u + 14\frac{9}{29}u^2v^3 - 1\frac{17}{32}u^3\right) + \left(1\frac{1}{5}uv - 1\frac{1}{7}u - 2\frac{1}{20}u^3\right) \quad -14\frac{9}{29}u^2v^3 + 15\frac{1}{24}v^3 - \frac{83}{160}u^3$$

$$453) \left(\frac{23}{24}x^2 + 1\frac{22}{41}x^2y^3\right) - \left(21\frac{34}{41}x^2y^3 + 1\frac{15}{38}x^2y^2 - \frac{44}{45}x^2\right) + \left(13\frac{2}{45}x^2y^3 - \frac{13}{43}x^2y^2 - 1\frac{2}{15}x^2\right) \quad -7\frac{458}{1845}x^2y^3 - 1\frac{113}{163}$$

$$454) \left(\frac{13}{17}y^3 - \frac{3}{14}x\right) + \left(23\frac{6}{7}y^3 - 1\frac{9}{13}x + 10\frac{23}{42}x^3y\right) + \left(\frac{9}{31}x + 12\frac{39}{40}x^3y - 1\frac{10}{17}y^3\right) \quad 23\frac{439}{840}x^3y + 23\frac{4}{119}y^3 - 1\frac{3477}{5642}x$$



$$455) \left( \frac{1}{14}m^2n^2 - 1\frac{1}{26}m^2n \right) - \left( 4\frac{7}{9}m^2n^2 - \frac{1}{6} + 19\frac{7}{45}m^2n \right) - \left( 1\frac{7}{16}m^2n - 1\frac{18}{23}m^2n^2 + 24\frac{25}{46} \right) - 2\frac{2677}{2898}m^2n^2 - 21\frac{5911}{9360}$$

$$456) \left( 1\frac{12}{13}ab + 7\frac{23}{36}a \right) - \left( \frac{1}{6}a + \frac{13}{14}a^3b - \frac{4}{23}ab \right) + \left( 1\frac{3}{22}ab + 9\frac{15}{17}a - 2\frac{39}{50}a^3b \right) - 3\frac{124}{175}a^3b + 3\frac{1535}{6578}ab + 5\frac{18985093}{117417300}$$

$$457) \left( 13\frac{15}{19}xy^2 + 1\frac{24}{29}x^3 \right) - \left( \frac{4}{9}xy + 1\frac{17}{20}x^3 + 18\frac{13}{49}xy^2 \right) - \left( 1\frac{2}{3}xy^2 - 1\frac{13}{36}x + 1\frac{26}{31}xy \right) - 6\frac{398}{2793}xy^2 - \frac{13}{580}x^3 - 2\frac{79}{279}$$

$$458) \left( \frac{5}{12}x^2y^2 - 1\frac{5}{12}y^3 \right) - \left( x^2y^2 + 22\frac{46}{49}y^3 - 1\frac{4}{47}x^3y \right) + \left( \frac{7}{41}y^3 + 8\frac{13}{15}xy + \frac{4}{33}x^2y^2 \right) - \frac{61}{132}y^2x^2 + 1\frac{4}{47}yx^3 - 24\frac{44}{24}$$

$$459) \left( \frac{13}{17}u^2v^3 + 2\frac{7}{17}u \right) + \left( \frac{6}{25}u^3v + 16\frac{17}{36}u^2v^3 + 1\frac{1}{2}u^2v \right) - \left( 1\frac{5}{8}u - 19u^2v + 1\frac{21}{50}u^2v^3 \right) - 15\frac{12499}{15300}u^2v^3 + \frac{6}{25}u^3v + 20$$

$$460) \left( 1\frac{17}{19}xy + \frac{7}{23}x \right) - \left( 1\frac{23}{42}xy + 8\frac{2}{7}xy^2 + 22\frac{9}{13}x^3y^3 \right) - \left( 2xy + 7\frac{2}{3}x + 5\frac{13}{21}xy^2 \right) - 22\frac{9}{13}x^3y^3 - 13\frac{19}{21}xy^2 - 1\frac{521}{798}xy$$

$$461) \left( 1\frac{5}{6}uv^3 - \frac{37}{40}v \right) + \left( 28v - \frac{1}{34}uv^3 + 4\frac{27}{29} \right) - \left( 1\frac{13}{18}v^3 + 1\frac{29}{50}v + 1\frac{3}{8} \right) - 1\frac{41}{51}v^3u - 1\frac{13}{18}v^3 + 25\frac{99}{200}v + 3\frac{129}{232}$$

$$462) \left( 4\frac{2}{13}x^2y - 1\frac{1}{2}x^2y^2 \right) + \left( \frac{3}{19}x^2y - 1\frac{5}{23}y^2 + 1\frac{4}{17}x^2y^2 \right) - \left( 25\frac{11}{35}x^2y + 12\frac{25}{48}y^2 + 11\frac{27}{46}x^2y^2 \right) - 11\frac{333}{391}y^2x^2 + 5\frac{9}{2}$$

$$463) \left( 1\frac{2}{5}xy^2 + 1\frac{3}{4} \right) + \left( 13\frac{11}{12}xy^2 + 2xy^3 - 1\frac{11}{13}x^3y \right) - \left( 12\frac{4}{7}x^3y + \frac{7}{26}y - 2\frac{1}{9}xy^2 \right) - 2xy^3 - 14\frac{38}{91}x^3y + 17\frac{77}{180}xy^2 - \frac{7}{26}$$

$$464) \left( 23\frac{22}{23}m^3n - 3\frac{17}{18}mn^2 \right) - \left( 10\frac{47}{49}mn - 38m^3n - \frac{19}{28}mn^3 \right) + \left( \frac{3}{10}mn^2 + 3\frac{31}{47}m^3n + \frac{1}{16}mn^3 \right) - 47\frac{3166}{2383605}m^3n + \frac{8}{1}$$

$$465) \left( x^2y^2 + 15\frac{7}{24}x^3y^2 \right) - \left( \frac{31}{32}x^3y - 1\frac{13}{29}x^3y^2 + 1\frac{1}{2}x^2y^2 \right) - \left( 1\frac{1}{3}x^2y^2 - \frac{34}{49}x^3y^2 + 13\frac{8}{15}x^3y \right) - 17\frac{14795}{34104}x^3y^2 - 1\frac{5}{6}x$$

$$466) \left( 14\frac{19}{21}x^3y^2 + \frac{19}{40}xy^2 \right) - \left( 16\frac{21}{34}x^2y^3 - \frac{5}{11}xy^2 + 23\frac{9}{22}x^3y^2 \right) + \left( 1\frac{17}{22}x^2y^3 - 1\frac{7}{25}xy^2 + 1\frac{15}{44}x^3y^2 \right) - 7\frac{151}{924}x^3y^2 -$$

$$467) \left( 1\frac{4}{49}y^2 + \frac{4}{9}xy \right) + \left( 5\frac{43}{48}xy - 22y^2 - 1\frac{9}{28}xy^2 \right) - \left( 22\frac{4}{27}xy^2 + 12\frac{6}{7}y^2 - \frac{1}{4}xy \right) - 23\frac{355}{756}y^2x + 6\frac{85}{144}yx - 33\frac{38}{49}y^2$$

$$468) \left(5\frac{5}{46}ab - \frac{3}{4}b^2\right) - \left(23\frac{33}{35}ab - \frac{7}{38}b^2 + 7\frac{6}{47}a^3b\right) + \left(\frac{5}{8}ab + 1\frac{5}{22}ab^3 + 24\frac{19}{37}b^2\right) - \frac{62086873}{244292857}ba^3 + \frac{355595689}{488585714}b^2$$

$$469) \left(\frac{1}{2}x - 1\frac{6}{11}xy^3\right) - \left(9\frac{1}{34}xy^3 + \frac{7}{22}x^2y^3 - \frac{15}{23}x\right) - \left(8\frac{14}{15}x^3y^2 + 19\frac{17}{19}xy^3 + 1\frac{8}{15}x^2y^3\right) - 1\frac{281}{330}x^2y^3 - 8\frac{14}{15}x^3y^2 - 3$$

$$470) \left(\frac{5}{8}a + 1\frac{1}{5}a^2\right) - \left(1\frac{29}{36}a^2 + 22\frac{7}{9}a^2b^3 - \frac{25}{33}a\right) + \left(21\frac{28}{31}ab^2 + 3\frac{19}{39}a^2 + 1\frac{3}{16}a\right) - 22\frac{7}{9}a^2b^3 + 21\frac{28}{31}ab^2 + 2\frac{2063}{2340}a^2$$

$$471) \left(\frac{5}{6}x^3y^2 + \frac{13}{43}x^3\right) - \left(15\frac{13}{32}x^3y^2 + 9\frac{8}{11}x^2 + 18\frac{19}{36}x^2y^3\right) + \left(20\frac{8}{37}x^3y^2 + 13\frac{4}{33}x^2y^3 - \frac{20}{37}x^3\right) - 5\frac{2285}{3552}x^3y^2 - 5\frac{161}{396}x^3$$

$$472) \left(1\frac{3}{4}u^2v^3 - 1\frac{6}{11}u^3\right) + \left(1\frac{6}{17}u^3 + 19\frac{4}{7}u^2v^2 + 1\frac{33}{38}u^2v^3\right) + \left(\frac{11}{12}u^2v^3 - 1\frac{31}{42}u^2v^2 + 12\frac{2}{3}u^3\right) - 4\frac{61}{114}u^2v^3 + 17\frac{5}{6}u^2v^2$$

$$473) \left(38n + 24\frac{7}{9}mn^3\right) - \left(1\frac{25}{42}n^3 + 1\frac{7}{15}m^2n^3 + 11\frac{8}{13}mn^3\right) - \left(13\frac{41}{48}n + \frac{2}{9}m^2n^3 + 17\frac{27}{47}m\right) - 1\frac{31}{45}n^3m^2 + 13\frac{19}{117}n^3m$$

$$474) \left(25\frac{9}{35}xy^2 - \frac{5}{44}y^3\right) - \left(6\frac{1}{23}y^3 + 1\frac{9}{16}x^2y^3 + 8\frac{31}{33}xy^2\right) - \left(\frac{19}{21}x^2y^3 + 22\frac{5}{6} + 23\frac{23}{33}y^2\right) - 2\frac{157}{336}y^3x^2 - 6\frac{159}{1012}y^3 + 7$$

$$475) \left(1\frac{8}{11} + 10\frac{39}{40}a\right) - \left(\frac{19}{46} - 1\frac{3}{16}a^3b^3 + \frac{13}{17}a\right) - \left(\frac{1}{7} - \frac{13}{21}a + 10\frac{1}{6}a^3b^3\right) - 8\frac{47}{48}a^3b^3 + 10\frac{11843}{14280}a + 1\frac{607}{3542}$$

$$476) \left(\frac{4}{17}xy - 1\frac{1}{3}y^2\right) + \left(17\frac{1}{9}xy + 25\frac{21}{26}y + 1\frac{7}{10}y^3\right) - \left(\frac{16}{39}x^2y^3 - 1\frac{26}{37}y + 6\frac{15}{32}y^3\right) - \frac{16}{39}y^3x^2 - 4\frac{123}{160}y^3 - 1\frac{1}{3}y^2 + 17$$

$$477) \left(5\frac{4}{7}x^2 + 12\frac{10}{21}xy\right) + \left(1\frac{1}{3}x^3y^2 + 1\frac{9}{16}x^2 - 2xy\right) - \left(\frac{5}{9}x^3y^2 + 1\frac{1}{8}x^2 - 3\frac{20}{33}xy\right) - \frac{7}{9}x^3y^2 + 14\frac{19}{231}xy + 6\frac{1}{112}x^2$$

$$478) \left(15\frac{11}{15}x - 1\frac{1}{7}x^3y^2\right) + \left(1\frac{7}{25}x + 1\frac{14}{45}y^3 + \frac{38}{47}x^3y^2\right) - \left(12\frac{21}{22}y^3 + 4\frac{1}{3}x^3y^2 + 9\frac{5}{11}x\right) - 4\frac{659}{987}x^3y^2 - 11\frac{637}{990}y^3 + 7$$

$$479) \left(4\frac{41}{48}a^2 + 19\frac{25}{26}\right) - \left(3\frac{13}{21}a^2 - 3\frac{1}{16} + 25\frac{5}{42}ab\right) + \left(19\frac{6}{11}ab + 12\frac{31}{47} + 21\frac{7}{9}a\right) - 1\frac{79}{336}a^2 - 5\frac{265}{462}ab + 21\frac{7}{9}a + 35\frac{6}{9}$$

$$480) \left(\frac{19}{43}x^3 - \frac{1}{16}y^3\right) + \left(14\frac{10}{13} - 1\frac{30}{41}x^2 + 32x^3\right) + \left(\frac{6}{23}x^2 - \frac{7}{12} - 33x^3\right) - \frac{24}{43}x^3 - \frac{1}{16}y^3 - 1\frac{444}{943}x^2 + 14\frac{29}{156}$$

$$481) \left( 8\frac{33}{35}m^3n - 2\frac{7}{34}n^3 \right) - \left( 45m^3n^2 - m^3n + 4\frac{8}{19}n^3 \right) + \left( 1\frac{7}{17}n^3 + 1\frac{34}{35}m^2n + 25\frac{13}{32}m^3n \right) - 45n^2m^3 + 35\frac{391}{1120}nm^3 -$$

$$482) \left( 21\frac{19}{40}x^2y + 14\frac{5}{6}x^3y \right) - \left( 30\frac{1}{10}x^3y + \frac{1}{2}y^3 + 1\frac{2}{9}xy \right) - \left( \frac{37}{42}y^3 - 1\frac{33}{49}xy + 25\frac{15}{22}x^3y \right) - 40\frac{313}{330}yx^3 + 21\frac{19}{40}yx^2 - 1$$

$$483) \left( \frac{11}{40}x^2y^2 + 23\frac{4}{7}y^3 \right) + \left( 1\frac{4}{15}y^2 + 1\frac{1}{7}x^2y^2 - 1\frac{13}{14}x^2 \right) + \left( 2\frac{7}{48}x^2y^2 + 17\frac{20}{31}xy + 20\frac{27}{37}y^2 \right) - 3\frac{947}{1680}y^2x^2 + 23\frac{4}{7}y^3 +$$

$$484) \left( 5\frac{8}{39}u^2 + \frac{3}{14}uv \right) - \left( 10\frac{7}{20}uv + 9\frac{2}{33}u^3v^2 + 17\frac{7}{12}v \right) - \left( 1\frac{1}{4}v^2 + 14\frac{1}{9}uv + 1\frac{3}{7}u^3v^2 \right) - 10\frac{113}{231}v^2u^3 - 24\frac{311}{1260}uv +$$

$$485) \left( 1\frac{13}{22}y^2 + 2\frac{43}{50}xy^3 \right) + \left( \frac{12}{25}xy^2 + 1\frac{17}{47}y^2 - \frac{14}{29}xy^3 \right) + \left( 1\frac{16}{29}xy^3 + \frac{7}{24}y + 2\frac{25}{28}xy^2 \right) - 3\frac{1347}{1450}y^3x + 3\frac{261}{700}y^2x + 2\frac{98}{103}$$

$$486) \left( a^2 - \frac{5}{14}a^3 \right) - \left( \frac{13}{23}a^3 - 1\frac{11}{27}a^2b^2 - 30a^2 \right) + \left( 12\frac{1}{5}a^2b^2 + \frac{1}{29}a^3 + 6\frac{1}{38}a^2 \right) - 13\frac{82}{135}a^2b^2 - \frac{8291}{9338}a^3 + 37\frac{1}{38}a^2$$

$$487) \left( 18\frac{4}{11}x^3y^3 - 1\frac{13}{33}x^3y^2 \right) - \left( 1\frac{2}{37}x^3y + 1\frac{27}{44}x^3y^2 + 1\frac{1}{39}x^3y^3 \right) - \left( 40x^3y + 3\frac{11}{16}x^3y^2 + 5\frac{2}{5}x^3y^3 \right) - 11\frac{2012}{2145}x^3y^3 -$$

$$488) (b^3 + 43a^2b^3) + \left( \frac{11}{25}a^3b + 11\frac{29}{46}b^3 + 17\frac{11}{30}a^2b^3 \right) + \left( 23\frac{23}{50}b^3 + 13\frac{1}{16}a^2b^3 + 12\frac{33}{35}a^3b \right) - 73\frac{103}{240}b^3a^2 + 13\frac{67}{175}b$$

$$489) \left( 12\frac{1}{6} + 15\frac{1}{2}xy^2 \right) - \left( 1\frac{2}{11}xy^3 - \frac{14}{17}xy^2 + 10\frac{5}{7} \right) + \left( 25\frac{5}{34}xy^3 + \frac{25}{44}xy^2 + 5\frac{1}{6} \right) - 23\frac{361}{374}xy^3 + 16\frac{667}{748}xy^2 + 6\frac{13}{21}$$

$$490) \left( 1\frac{33}{34}x^2 - \frac{7}{8}x^3y^3 \right) - \left( 25\frac{25}{34}x^2 + 1\frac{27}{41}x^2y + 24\frac{45}{46}y^2 \right) - \left( \frac{17}{22}x^3y^3 - \frac{10}{43}y^2 - 49\frac{7}{23}x^2y \right) - 1\frac{57}{88}x^3y^3 - 23\frac{1187533}{7582663}$$

$$491) \left( 12\frac{11}{28}x^3y + 1\frac{9}{11}x^3y^3 \right) - \left( 1\frac{3}{4}xy + 25\frac{33}{50}x^3y^3 - 1\frac{11}{35}xy^2 \right) - \left( 18\frac{1}{10}x^3y^3 - 1\frac{5}{8}xy + 13\frac{41}{46}x^3y \right) - 41\frac{259}{275}x^3y^3 - 1$$

$$492) \left( 9\frac{17}{26}xy^2 - 1\frac{16}{45}x^2y^2 \right) - \left( 1\frac{3}{4}x^2y^2 - \frac{5}{9}x^3y^2 + 1\frac{2}{29}x^3y^3 \right) - \left( \frac{11}{15}x^3y^2 + 20\frac{43}{44}x^3y^3 - 24\frac{2}{43}x^2y^2 \right) - 22\frac{59}{1276}x^3y^3 -$$

$$493) \left( 1\frac{9}{11}u^3v - u^3v^2 \right) - \left( 32\frac{2}{3}v + 16\frac{19}{50}u^3v - 2\frac{19}{28}u^2v^3 \right) - \left( \frac{2}{5}u^2v^3 - \frac{21}{22}u^3v - \frac{13}{14}u^3v^2 \right) - \frac{1}{14}v^2u^3 + 2\frac{39}{140}v^3u^2 - 13$$

$$494) \left(1\frac{23}{24}y^3 + 25\frac{10}{49}\right) + \left(1\frac{1}{3} - \frac{13}{32}xy^3 - 1\frac{4}{47}y^3\right) - \left(1\frac{8}{11} - 1\frac{17}{49}y + 13\frac{15}{46}xy^3\right) - 13\frac{539}{736}xy^3 + \frac{985}{1128}y^3 + 1\frac{17}{49}y + 24\frac{1}{1}$$

$$495) \left(\frac{8}{17}x^2y^3 + y^3\right) - \left(\frac{2}{5}x^3y^2 + 13y^3 + \frac{1}{2}\right) - \left(4\frac{5}{18}y^3 + 1\frac{13}{18}x^2y^3 + \frac{7}{15}x^3y\right) - 1\frac{77}{306}y^3x^2 - \frac{2}{5}x^3y^2 - \frac{7}{15}yx^3 - 16\frac{5}{18}y$$

$$496) \left(1\frac{4}{5}x^2 + 4\frac{41}{50}x^3y\right) + \left(\frac{28}{47}x^2 - 1\frac{1}{3} - \frac{2}{3}x^3y\right) + \left(\frac{1}{2}x^3y + 1\frac{11}{12}x^2 - 1\frac{18}{41}\right) 4\frac{49}{75}x^3y + 4\frac{881}{2820}x^2 - 2\frac{95}{123}$$

$$497) \left(\frac{1}{2}x^3 + 1\frac{8}{37}x^3y^3\right) - \left(1\frac{1}{2}x^3y^3 + 3\frac{1}{4}xy^2 + 2\frac{7}{24}x^3\right) - \left(\frac{3}{4}xy^2 - 1\frac{1}{2}x^3 + 25\frac{14}{19}x^3y^3\right) - 26\frac{29}{1406}x^3y^3 - \frac{7}{24}x^3 - 4xy^2$$

$$498) \left(\frac{12}{25}ab^2 + 1\frac{13}{35}b^3\right) + \left(37\frac{2}{15}a^3b + 1\frac{3}{7}ab^2 + 1\frac{17}{20}ab^3\right) + \left(1\frac{4}{13}a^3b + 2\frac{45}{47}ab^3 + 24\frac{6}{35}ab\right) 38\frac{86}{195}ba^3 + 4\frac{759}{940}b^3a -$$

$$499) \left(1\frac{5}{9}mn^3 + 5\frac{41}{47}m^2n^3\right) - \left(15\frac{12}{47}n^3 + 6\frac{9}{10}m^3n - 12\frac{1}{3}m^2n^3\right) - \left(12\frac{17}{19}m^3n + 4\frac{5}{16}mn^3 + 1\frac{43}{47}n^3\right) 18\frac{29}{141}n^3m^2 - 2$$

$$500) \left(1\frac{1}{3}v + 15\frac{10}{31}u^2\right) - \left(49u^3v^3 + 13\frac{13}{29}u^2 - \frac{7}{10}v\right) + \left(\frac{1}{2}v - \frac{8}{25}u^2 + 1\frac{1}{2}u^3v^3\right) - 47\frac{1}{2}u^3v^3 + 1\frac{12458}{22475}u^2 + 2\frac{8}{15}v$$

$$501) 7v^4 + 1\frac{1}{2}u^2v^3 + \frac{9}{10}uv^4 + \frac{1}{8}v^4 - \frac{8}{9}u^2v^3 + 1\frac{7}{9}u^2v^3 + 6v^4 + 3\frac{1}{5}uv^4 2\frac{7}{18}v^3u^2 + 4\frac{1}{10}v^4u + 13\frac{1}{8}v^4$$

$$502) 4\frac{5}{6}x^2y^2 + 4\frac{1}{2}y^2 + \frac{4}{5}x^3y^3 - 10\frac{2}{9}x^2y^2 + y^2 + 4x^2y^2 + 1\frac{6}{7}y^2 - \frac{5}{9}x^3y^2 \frac{4}{5}y^3x^3 - \frac{5}{9}y^2x^3 - 1\frac{7}{18}y^2x^2 + 7\frac{5}{14}y^2$$

$$503) 2\frac{1}{3}a^4 + 3\frac{3}{7}a^4b^3 + 4\frac{1}{2}a^3b^2 - 1\frac{2}{5}a^4 + 1\frac{3}{5}a^4b^3 + 5\frac{3}{4}a^4 + 1\frac{1}{4}a^3b^2 - 3\frac{2}{3}a^4b^3 1\frac{38}{105}a^4b^3 + 5\frac{3}{4}a^3b^2 + 6\frac{41}{60}a^4$$

$$504) 2x^2y^2 + \frac{1}{2}y + 5\frac{5}{6}x^3y^2 - x^4y^3 - 1\frac{1}{6}x^2y + 1\frac{6}{7}x^4y^3 - 8x^3y^2 - 3\frac{3}{10}y \frac{6}{7}y^3x^4 - 2\frac{1}{6}y^2x^3 + 2y^2x^2 - 1\frac{1}{6}yx^2 - 2\frac{4}{5}y$$

$$505) 2\frac{1}{3}y^2 - \frac{4}{5}x^4 + \frac{3}{10}y^2 + 1\frac{1}{4}x^4 + \frac{2}{5}xy^2 + \frac{1}{10}xy^2 - 2\frac{5}{7}y^2 + 5\frac{7}{10}x^4 6\frac{3}{20}x^4 + \frac{1}{2}xy^2 - \frac{17}{210}y^2$$

$$506) x^2y^4 - 1\frac{3}{5}x^3y^3 + \frac{1}{7}x^2y^4 - 1\frac{5}{8}x^3y^3 + 1\frac{1}{5}xy^3 + 4\frac{2}{3}xy^3 - 1\frac{6}{7}x^2y^4 - 2\frac{9}{10}x^3y^3 - \frac{5}{7}x^2y^4 - 6\frac{1}{8}x^3y^3 + 5\frac{13}{15}xy^3$$

$$507) 2x^3 + x^3y^2 + xy^2 - 2x^3 - \frac{1}{2}x^2y^4 + x^4y^2 - 2\frac{3}{4}x^3 - \frac{1}{4}xy^2 \quad x^4y^2 - \frac{1}{2}x^2y^4 + x^3y^2 + \frac{3}{4}xy^2 - 2\frac{3}{4}x^3$$

$$508) x^2y^3 + 1\frac{1}{3}x^3y^4 + 1\frac{4}{5}xy^4 + x^2y^3 + 1\frac{7}{9}x^3y^4 + \frac{1}{8}xy^4 - 2x^2y^3 + \frac{5}{9}x^3y^4 \quad 3\frac{2}{3}x^3y^4 + 1\frac{37}{40}xy^4$$

$$509) \frac{5}{8}a^4b^4 + \frac{1}{2}a + \frac{3}{10}a^2b + ab^2 + 5\frac{1}{6}a^4b^4 + \frac{2}{5}ab^2 + \frac{1}{4}a - \frac{3}{4}a^4b^4 \quad 5\frac{1}{24}a^4b^4 + 1\frac{2}{5}ab^2 + \frac{3}{10}a^2b + \frac{3}{4}a$$

$$510) 9xy^2 + \frac{3}{5}y^4 + 9\frac{7}{10}x + 1\frac{1}{8}y^3 - 3\frac{2}{5}xy^2 + 1\frac{3}{5}y^4 + \frac{3}{4}x + y^3 \quad 2\frac{1}{5}y^4 + 2\frac{1}{8}y^3 + 5\frac{3}{5}xy^2 + 10\frac{9}{20}x$$

$$511) 1\frac{1}{2}v^3 + 4\frac{1}{6} + 2\frac{7}{10}u^2v^3 - 3\frac{5}{8} + 4\frac{4}{5}v^3 + \frac{4}{9}u^2v^3 - 3\frac{4}{5}u^3v^4 - 3\frac{3}{10}v^3 \quad -3\frac{4}{5}u^3v^4 + 3\frac{13}{90}u^2v^3 + 3v^3 + \frac{13}{24}$$

$$512) \frac{3}{4}x^3y^4 - 1\frac{9}{10}x^3y + y^2 + 4\frac{2}{3}x^2y^4 + 5\frac{5}{6}x^3y^4 + 1\frac{1}{3}x^3y^4 - 1\frac{4}{7}y^2 - 3\frac{1}{6}x^2y^4 \quad 7\frac{11}{12}y^4x^3 + 1\frac{1}{2}y^4x^2 - 1\frac{9}{10}yx^3 - \frac{4}{7}y^2$$

$$513) 5\frac{4}{9}x + 5\frac{4}{5}y^4 + 4\frac{7}{10}x^4y^4 - 2x - 2y^4 + 2xy - 2x^4y^4 + 8x^4 \quad 2\frac{7}{10}x^4y^4 + 3\frac{4}{5}y^4 + 8x^4 + 2xy + 3\frac{4}{9}x$$

$$514) 9y^4 - 8x^2y + 1\frac{1}{2}x^2 + 5\frac{1}{4}x^2y + 1\frac{3}{4}y^4 + 2y^4 + 2\frac{6}{7}x^2y - \frac{2}{3}x^2 \quad 12\frac{3}{4}y^4 + \frac{3}{28}x^2y + \frac{5}{6}x^2$$

$$515) \frac{2}{7}v^3 + 3\frac{1}{6}u^4v + 1\frac{1}{4} + \frac{3}{7}u^4v + \frac{1}{2}v^3 + 2\frac{1}{2} + v^3 - 1\frac{3}{7}u^4v \quad 2\frac{1}{6}vu^4 + 1\frac{11}{14}v^3 + 3\frac{3}{4}$$

$$516) 1\frac{1}{8}x^3 - \frac{9}{10}x^4 + 4\frac{1}{2} - 2\frac{5}{9}x^3 - \frac{1}{6}x^2y^3 + 5\frac{8}{9}x^2y - 1\frac{1}{2}x^4 + 1\frac{5}{6}x^2y^3 \quad 1\frac{2}{3}x^2y^3 - 2\frac{2}{5}x^4 - 1\frac{31}{72}x^3 + 5\frac{8}{9}x^2y + 4\frac{1}{2}$$

$$517) 5mn^4 - 1\frac{3}{8}m^2n^3 + 4\frac{5}{6}n^2 + 4\frac{5}{9}m^2n^3 - 2\frac{1}{6}mn^4 + \frac{1}{2}m^3 + 1\frac{1}{10}m^3n^4 - 2\frac{1}{3}n^2 \quad 1\frac{1}{10}m^3n^4 + 3\frac{13}{72}n^3m^2 + 2\frac{5}{6}mn^4 +$$

$$518) \frac{1}{7}xy + 5\frac{7}{9}x^3y + \frac{1}{2}x^4 + 5\frac{1}{4}xy + \frac{7}{8}x^3y + x^4 - \frac{1}{7}x^3y + \frac{1}{2}xy \quad 1\frac{1}{2}x^4 + 6\frac{257}{504}x^3y + 5\frac{25}{28}xy$$

$$519) 3\frac{3}{7}a^4b + 5\frac{4}{5}ab^3 + a^4b - 1\frac{5}{8}a^2b - \frac{1}{2}ab^3 + a^2b + 1\frac{2}{3}ab^3 + \frac{5}{9}a^4b \quad 4\frac{62}{63}a^4b + 6\frac{29}{30}ab^3 - \frac{5}{8}a^2b$$

$$520) \frac{1}{4}m^2n + \frac{4}{7}m^3n + 2\frac{4}{5}m^2n + 4\frac{1}{4}mn^3 - 2\frac{7}{8}n^4 + mn^3 - 2m^4n^4 - 2\frac{1}{2}m^3n \quad -2n^4m^4 + 5\frac{1}{4}n^3m - 1\frac{13}{14}nm^3 - 2\frac{7}{8}n^4 +$$

$$521) 1\frac{2}{7}mn^3 + 1\frac{1}{6}m^4n + \frac{5}{6} - 7mn^3 - 1\frac{8}{9}m^4n + \frac{4}{9} - 1\frac{1}{5}mn^3 + \frac{2}{3}m^4n \quad -\frac{1}{18}m^4n - 6\frac{32}{35}mn^3 + 1\frac{5}{18}$$

$$522) \frac{1}{2}mn^2 + mn^3 + m - \frac{3}{5}mn^2 - 1\frac{3}{5}m^3n + 1\frac{7}{9}m + 5\frac{5}{8}mn^2 + 4\frac{1}{2}m^3n \quad mn^3 + 2\frac{9}{10}m^3n + 5\frac{21}{40}mn^2 + 2\frac{7}{9}$$

$$523) 3\frac{4}{7}x^2y + 8x^3y^2 + 4\frac{1}{2}x^4 + 1\frac{1}{2}x^2y - 1\frac{7}{8}x^3y^2 + \frac{7}{9}x^3y^2 - 1\frac{7}{9}x^4 + \frac{1}{6}x^3y^4 \quad \frac{1}{6}x^3y^4 + 6\frac{65}{72}x^3y^2 + 2\frac{13}{18}x^4 + 5\frac{1}{14}x^2y$$

$$524) 2\frac{6}{7}x^4y^2 + 1\frac{1}{2}xy^4 + 1\frac{1}{10}x^3y + \frac{1}{2}x^4y^2 + 1\frac{7}{10}y^2 + \frac{1}{4}x^3y - 3\frac{1}{2}y^2 - 1\frac{3}{4}xy^4 \quad 3\frac{5}{14}y^2x^4 - \frac{1}{4}y^4x + 1\frac{7}{20}yx^3 - 1\frac{4}{5}y^2$$

$$525) 2x^3y^3 - 1\frac{3}{8}x^3y^2 + \frac{3}{10}x^3y^3 + 1\frac{1}{6}x^3y^2 - \frac{5}{7}x^2 + 2\frac{8}{9}x^3y^3 + 1\frac{1}{3}x^3y^2 + 9x^2 \quad 5\frac{17}{90}x^3y^3 + 1\frac{1}{8}x^3y^2 + 8\frac{2}{7}x^2$$

$$526) \frac{2}{3}b^3 - 1\frac{1}{3}a^3b^3 + \frac{5}{6}b^3 - 2\frac{4}{9}a^3b^2 + 2\frac{3}{10}a^3b^3 + \frac{1}{2}a^3b^3 + \frac{3}{5}a^3b^2 + \frac{1}{6}b^3 \quad 1\frac{7}{15}b^3a^3 - 1\frac{38}{45}b^2a^3 + 1\frac{2}{3}b^3$$

$$527) 10\frac{1}{5}u^2v + 4\frac{1}{4}u^2v^3 + 5\frac{5}{9}uv^4 - 1\frac{9}{10} - 2\frac{1}{6}u^2v^3 + \frac{1}{5} + 4\frac{6}{7}u^2v^3 + 4\frac{1}{5}v^4 \quad 6\frac{79}{84}u^2v^3 + 5\frac{5}{9}uv^4 + 4\frac{1}{5}v^4 + 10\frac{1}{5}u^2v -$$

$$528) 1\frac{1}{2}x^2y^2 - 4xy^3 + 1\frac{2}{5}xy^3 + 1\frac{7}{10}x^2y^2 + \frac{4}{7}x + 5\frac{1}{10}x^2y^2 + 3\frac{3}{5}xy^3 + 3x \quad xy^3 + 8\frac{3}{10}x^2y^2 + 3\frac{4}{7}x$$

$$529) 1\frac{5}{6}u^4 + \frac{1}{8}uv^4 + 4\frac{3}{10}u^3v^2 + 5\frac{5}{6}u^4 + 1\frac{1}{4}u^4v^3 + 1\frac{5}{9}u^4v^3 - 1\frac{1}{2}u^4 + 4\frac{1}{4}uv^4 \quad 2\frac{29}{36}u^4v^3 + 4\frac{3}{8}uv^4 + 4\frac{3}{10}u^3v^2 + 6\frac{1}{6}$$

$$530) 10\frac{7}{10}m^4n^2 + \frac{1}{2}m^3n^4 + 1\frac{4}{7}m^3n^4 - 3\frac{1}{5}m^2n^4 + m^4n^2 + m^3n^4 - \frac{2}{3}m^2n^4 + 1\frac{1}{2}m^4n^2 \quad 3\frac{1}{14}m^3n^4 + 13\frac{1}{5}m^4n^2 - 3\frac{1}{1}$$

$$531) \frac{1}{2}m^4n^2 + 1\frac{1}{2}m^3 + 3\frac{6}{7}m^4n^3 + 3\frac{1}{4}m^4n^2 + 5\frac{7}{9}m^3 + \frac{1}{2}m^4n^3 + 4\frac{4}{9}n^4 + 3\frac{1}{6}m^4n^2 \quad 4\frac{5}{14}m^4n^3 + 6\frac{11}{12}m^4n^2 + 4\frac{4}{9}n^4 +$$

$$532) 1\frac{1}{2}u^2v^4 + u + \frac{1}{4}u^2v^4 + 3\frac{2}{3}v^3 + 1\frac{2}{7}u + 2u + 3\frac{3}{4} - \frac{1}{3}v^3 \quad 1\frac{3}{4}v^4u^2 + 3\frac{1}{3}v^3 + 4\frac{2}{7}u + 3\frac{3}{4}$$

$$533) 3x - x^2y^3 + \frac{1}{2}x^3y + 7\frac{3}{10}x - 7x^2y^3 + 1\frac{1}{2}x^2 - 2\frac{2}{7}x + x^2y^3 \quad -7x^2y^3 + \frac{1}{2}x^3y + 1\frac{1}{2}x^2 + 8\frac{1}{70}x$$

$$534) 1\frac{3}{5}x^3y + \frac{1}{7}y^2 + 3\frac{1}{4}x^3y^4 - 1\frac{9}{10}y^2 + 1\frac{1}{3}x^3y + 5\frac{5}{6}y^2 + 2x^3y - 2\frac{4}{5}x^2y^2 \quad 3\frac{1}{4}y^4x^3 + 4\frac{14}{15}yx^3 - 2\frac{4}{5}y^2x^2 + 4\frac{8}{105}y$$

$$535) 2u^3 - 1\frac{1}{8}v^3 + \frac{3}{4}uv + 4\frac{1}{4}u^3 + \frac{3}{4}u^2v^4 + \frac{1}{3}u^4v^4 + \frac{2}{7}uv + \frac{2}{3}u^3 \quad \frac{1}{3}u^4v^4 + \frac{3}{4}u^2v^4 - 1\frac{1}{8}v^3 + 6\frac{11}{12}u^3 + 1\frac{1}{28}vu$$

$$536) \frac{6}{7}x - 1\frac{2}{5}x^2 + \frac{1}{2}y^2 + 8x^2 - 1\frac{3}{4}x + 1\frac{1}{3}x^2 + 2\frac{4}{7} + 4\frac{4}{5}y^2 \quad 7\frac{14}{15}x^2 + 5\frac{3}{10}y^2 - \frac{25}{28}x + 2\frac{4}{7}$$

$$537) x^4y^2 + 5\frac{4}{9}x^2y^4 + \frac{1}{2}x^2 + 4\frac{1}{4}x^4y^2 + \frac{2}{7}x + 1\frac{1}{4}x^2y^4 - x + \frac{1}{7}x^2 \quad 5\frac{1}{4}x^4y^2 + 6\frac{25}{36}x^2y^4 + \frac{9}{14}x^2 - \frac{5}{7}x$$

$$538) 1\frac{5}{7}x^4y^4 - \frac{2}{3}y + 1\frac{2}{3}x^4y^4 + \frac{4}{7}xy + 1\frac{5}{8}y + 2xy + \frac{1}{2}x^4y^4 + 2y \quad 3\frac{37}{42}y^4x^4 + 2\frac{4}{7}yx + 2\frac{23}{24}y$$

$$539) \frac{7}{10}b + 1\frac{9}{10}a^2 + 1\frac{5}{7}b + \frac{1}{5}a^2 + 5\frac{1}{2}a^3b + 1\frac{4}{7}b^4 + 1\frac{1}{5}a^2 + 1\frac{1}{3}a^3b \quad 6\frac{5}{6}a^3b + 1\frac{4}{7}b^4 + 3\frac{3}{10}a^2 + 2\frac{29}{70}b$$

$$540) 8x^4y^4 + \frac{7}{10}y + 4\frac{2}{7}x^2 + 2\frac{3}{8} - 2\frac{5}{6}y^4 + 1\frac{1}{3}y - 3\frac{1}{10} - 1\frac{2}{5}y^4 \quad 8x^4y^4 - 4\frac{7}{30}y^4 + 4\frac{2}{7}x^2 + 2\frac{1}{30}y - \frac{29}{40}$$

$$541) 5\frac{1}{6}x^4y + 1\frac{2}{3}x^4y^4 + y - 1\frac{1}{2}x^4y^4 + 2x^4y + 2x^4y + 2\frac{1}{4}y + \frac{1}{4}x^4y^4 \quad \frac{5}{12}y^4x^4 + 9\frac{1}{6}yx^4 + 3\frac{1}{4}y$$

$$542) 1\frac{5}{6}x^4y^2 + \frac{7}{9}xy + 1\frac{1}{5}x + 2\frac{5}{6}x^4y^2 - \frac{5}{8}xy + \frac{2}{5}x^4y^2 - 1\frac{1}{4}xy - \frac{3}{8}x \quad 5\frac{1}{15}x^4y^2 - 1\frac{7}{72}xy + \frac{33}{40}x$$

$$543) 5\frac{4}{9}a^2b + 1\frac{5}{8}ab + \frac{5}{7}a^3b^3 + 3\frac{3}{7}b^3 + 1\frac{3}{5}a^2b + \frac{1}{2}a^2b + \frac{1}{3}b^3 + 1\frac{1}{3}ab \quad \frac{5}{7}b^3a^3 + 7\frac{49}{90}ba^2 + 3\frac{16}{21}b^3 + 2\frac{23}{24}ba$$

$$544) \frac{2}{5}y^4 - 2\frac{3}{4}x^2y + x^2y + 2\frac{7}{8}y^4 - \frac{7}{9}y^2 + 1\frac{1}{2}y - \frac{2}{3}y^2 - \frac{5}{9}y^4 \quad 2\frac{259}{360}y^4 - 1\frac{3}{4}yx^2 - 1\frac{4}{9}y^2 + 1\frac{1}{2}y$$

$$545) 4\frac{4}{5}x^3y^2 - \frac{1}{3}x^4y + \frac{3}{4}x^3y^2 + \frac{1}{2}x^4y + x^2y + 1\frac{1}{9}x^3y^2 + 1\frac{1}{6}x^2y - 1\frac{3}{7}x^4y^4 \quad -1\frac{3}{7}x^4y^4 + 6\frac{119}{180}x^3y^2 + \frac{1}{6}x^4y + 2\frac{1}{6}x^2y$$

$$546) 1\frac{7}{9}v + 1\frac{1}{2}u^4v + \frac{5}{6}v + u^4v^3 - 1\frac{1}{2}u^4v + \frac{1}{2}u^3v^2 + 5\frac{5}{7}u^4v^3 + 5\frac{3}{7}u^4v \quad 6\frac{5}{7}v^3u^4 + \frac{1}{2}v^2u^3 + 5\frac{3}{7}vu^4 + 2\frac{11}{18}v$$

$$547) \frac{3}{4}n^3 - 2\frac{3}{4}m^4n^4 + 4\frac{1}{6}m^3n^3 + 2\frac{1}{2}m^4n^4 + 4\frac{4}{9}n^3 + 2\frac{3}{8}m^3n^3 + 1\frac{3}{7}mn - 1\frac{2}{3}n^3 \quad -\frac{1}{4}n^4m^4 + 6\frac{13}{24}n^3m^3 + 3\frac{19}{36}n^3 + 1$$

$$548) \frac{1}{7}x - 1\frac{7}{10}x^3y + \frac{1}{7}x^3y - 2\frac{2}{5}y + 8x + 2\frac{7}{8}x^3y + \frac{1}{2}x^2y^4 + 1\frac{1}{8}y \quad \frac{1}{2}x^2y^4 + 1\frac{89}{280}x^3y - 1\frac{11}{40}y + 8\frac{1}{7}x$$

$$549) 2x^3y^4 + \frac{1}{2}x^4 + \frac{7}{8}x^4 - 4x^3y^4 + 4\frac{1}{3}x^4y^2 + 5\frac{3}{5}x^4 + 4\frac{5}{8}x^4y^2 - \frac{5}{7}x^3y^4 \quad -2\frac{5}{7}x^3y^4 + 8\frac{23}{24}x^4y^2 + 6\frac{39}{40}x^4$$

$$550) 1\frac{1}{2}ab^2 + 5\frac{1}{4}a^2b^3 + 3\frac{3}{8}ab^2 - a^2b^3 + ab^3 + 5\frac{7}{8}a^2b^3 + 1\frac{6}{7}ab^2 - \frac{9}{10}ab^3 \quad 10\frac{1}{8}a^2b^3 + \frac{1}{10}ab^3 + 6\frac{41}{56}ab^2$$

$$551) 5\frac{1}{3}x^3 + 5\frac{1}{2}x^2 + x^4y^3 + 1\frac{1}{2}x^3 + 4\frac{1}{10}x^2y^2 + 1\frac{1}{2}x^3 + \frac{1}{3}x^2y^2 + 1\frac{1}{2}x^3y \quad x^4y^3 + 4\frac{13}{30}x^2y^2 + 1\frac{1}{2}x^3y + 8\frac{1}{3}x^3 + 5\frac{1}{2}$$

$$552) 4\frac{2}{9}a^4b^3 - 1\frac{3}{7}a^2b^4 + a^4b^3 + 2\frac{1}{10}a^2b^4 - 1\frac{1}{2}a^2b^2 + 2\frac{1}{2}a^2b^2 - 1\frac{4}{5}a^4b^3 - 1\frac{3}{8}a^2b^4 \quad 3\frac{19}{45}a^4b^3 - \frac{197}{280}a^2b^4 + a^2b^2$$

$$553) 2x^2y^3 - 1\frac{1}{5}x^2 + \frac{4}{5}x^4 - 2x^2 + 5\frac{5}{6}x^2y^3 + 1\frac{1}{2}x^2y^3 + 1\frac{3}{8}x^4 + 2x^2 \quad 9\frac{1}{3}x^2y^3 + 2\frac{7}{40}x^4 - 1\frac{1}{5}x^2$$

$$554) 4\frac{1}{2}x^2 + 5\frac{1}{4}x^2y^2 + x^2y^2 + 1\frac{2}{5} - 4\frac{1}{4}xy^3 + 2\frac{5}{8}xy^3 - 1\frac{1}{3} + 1\frac{1}{9}x^2y^2 \quad 7\frac{13}{36}x^2y^2 - 1\frac{5}{8}xy^3 + 4\frac{1}{2}x^2 + \frac{1}{15}$$

$$555) \frac{2}{3}u^3v^3 - 1\frac{1}{2}uv^4 + 1\frac{1}{2}u^3v^2 + 1\frac{5}{7}uv^4 + 5\frac{1}{6}u^2v^3 + 5\frac{1}{10}u^3v^3 + 1\frac{2}{3}u^3v^2 + 1\frac{7}{10}u^2v^3 \quad 5\frac{23}{30}u^3v^3 + \frac{3}{14}uv^4 + 3\frac{1}{6}u^3v$$

$$556) 5\frac{8}{9}uv + uv^2 + uv^2 + \frac{7}{10}uv + 1\frac{1}{3} + 1\frac{5}{6}uv + 1\frac{1}{4}uv^2 + \frac{1}{4}v^2 \quad 3\frac{1}{4}uv^2 + 8\frac{19}{45}uv + \frac{1}{4}v^2 + 1\frac{1}{3}$$

$$557) 3\frac{1}{6}mn - \frac{2}{7}m^3n^2 + 1\frac{1}{2}m^3n^2 + 3\frac{4}{5}m^4 + 2\frac{4}{5}m^3n^4 + 2\frac{1}{10}m^3n^4 + \frac{4}{5}m^3n^2 + 4\frac{9}{10}mn \quad 4\frac{9}{10}m^3n^4 + 2\frac{1}{70}m^3n^2 + 3\frac{4}{5}mn$$

$$558) \frac{3}{4}x + \frac{2}{5} + \frac{1}{7}y^2 + 1\frac{2}{5} + \frac{3}{4}x + 1\frac{2}{7} + 5\frac{1}{8}y + 1\frac{8}{9}x \quad \frac{1}{7}y^2 + 3\frac{7}{18}x + 5\frac{1}{8}y + 3\frac{3}{35}$$



$$559) 5\frac{1}{5}x^2y^4 - 10y + \frac{9}{10}y^2 + 5\frac{9}{10}y - \frac{2}{3}x^2y^4 + 2x^2y^4 - 1\frac{3}{5}y - \frac{1}{4}y^2 \quad 6\frac{8}{15}y^4x^2 + \frac{13}{20}y^2 - 5\frac{7}{10}y$$

$$560) \frac{3}{5}b^2 + 1\frac{1}{2}a^2 + \frac{2}{5}b^2 + 5\frac{6}{7}ab + 2\frac{3}{7}a^2 + 2ab - \frac{1}{2}b^2 + 1\frac{1}{3}a^2 \quad 7\frac{6}{7}ab + \frac{1}{2}b^2 + 5\frac{11}{42}a^2$$

$$561) 2x - 1\frac{1}{5}xy^4 + 5\frac{1}{3}x + 1\frac{1}{9}xy^2 + 5\frac{1}{2} + 8xy^2 - \frac{1}{3}xy^4 - 1\frac{1}{10} \quad -1\frac{8}{15}xy^4 + 9\frac{1}{9}xy^2 + 7\frac{1}{3}x + 4\frac{2}{5}$$

$$562) \frac{1}{5}x^3y^3 + 4\frac{3}{5}x^2y + \frac{3}{8}x^3y^2 + \frac{1}{6}x^2y + \frac{4}{5}xy + 3\frac{4}{9}xy + 5\frac{1}{5}x^3y + 2\frac{1}{3}x^2y \quad \frac{1}{5}x^3y^3 + \frac{3}{8}x^3y^2 + 5\frac{1}{5}x^3y + 7\frac{1}{10}x^2y + 4\frac{11}{45}$$

$$563) 5\frac{2}{5}x^2y^4 - 2x^3 + \frac{3}{7}x^3 + 1\frac{4}{5}x^4y^2 + 1\frac{1}{2}x^2y^4 + \frac{1}{5}x^2y^4 - \frac{4}{5}x^3 + 2\frac{4}{7}x^4y^2 \quad 7\frac{1}{10}x^2y^4 + 4\frac{13}{35}x^4y^2 - 2\frac{13}{35}x^3$$

$$564) n + 2\frac{4}{9}n^4 + 9\frac{2}{5}n - \frac{1}{2}n^4 - \frac{1}{3}m^4n^2 + 1\frac{1}{5}m^4n^2 - 5n - 2\frac{9}{10}n^4 \quad \frac{13}{15}n^2m^4 - \frac{43}{45}n^4 + 5\frac{2}{5}n$$

$$565) 5xy - 3\frac{2}{5}x^4 + \frac{9}{10}x^4 + 5\frac{1}{9}x^3y^4 - 2\frac{5}{9}xy + xy - 1\frac{1}{4}x^4 - 2\frac{3}{5}x^3y^4 \quad 2\frac{23}{45}x^3y^4 - 3\frac{3}{4}x^4 + 3\frac{4}{9}xy$$

$$566) 5\frac{1}{7}ab^2 - 1\frac{1}{8}a^2b^2 + 3\frac{1}{3}ab^2 - 1\frac{5}{9}b - 1\frac{5}{8}a^3b^4 + 1\frac{1}{2}a^2b^2 + \frac{2}{3}ab^2 + \frac{1}{4}a^4b^3 \quad -1\frac{5}{8}b^4a^3 + \frac{1}{4}b^3a^4 + \frac{3}{8}b^2a^2 + 9\frac{1}{7}b^2$$

$$567) 1\frac{1}{4}u^2 - \frac{6}{7}u^3v + 1\frac{1}{8}u^3v^4 + 1\frac{1}{3}u^3v + 3\frac{8}{9}u^3v^3 + u^3v + 1\frac{1}{7}u^3v^3 + \frac{5}{9}u^3v^4 \quad 1\frac{49}{72}u^3v^4 + 5\frac{2}{63}u^3v^3 + 1\frac{10}{21}u^3v + 1\frac{1}{4}u^3$$

$$568) 2\frac{2}{3}x^4y^2 + \frac{4}{7}xy + 3\frac{1}{4}y^3 - 2x^4y^4 - 2\frac{5}{6}xy + 2\frac{3}{4}y^3 - 2\frac{1}{4}x^4y^2 + 1\frac{1}{2}x^4y^4 \quad -\frac{1}{2}y^4x^4 + \frac{5}{12}y^2x^4 + 6y^3 - 2\frac{11}{42}yx$$

$$569) 4\frac{7}{8}x^4y - 2\frac{2}{3}x^3y^4 + x^3y^4 - 5\frac{3}{4}x^4y - \frac{3}{5}y + 1\frac{5}{8}x^3y^4 - 3\frac{1}{3}x^4y + \frac{2}{5}y^3 \quad -\frac{1}{24}y^4x^3 - 4\frac{5}{24}yx^4 + \frac{2}{5}y^3 - \frac{3}{5}y$$

$$570) 1\frac{1}{8}v^2 + 2uv + 3\frac{2}{3}u^4v^4 + \frac{1}{2}uv + 4\frac{5}{7}u^4v + 1\frac{3}{5}uv - 1\frac{3}{8}u^4v + 1\frac{4}{9}u^4v^4 \quad 5\frac{1}{9}v^4u^4 + 3\frac{19}{56}vu^4 + 4\frac{1}{10}vu + 1\frac{1}{8}v^2$$

$$571) 5\frac{3}{7}x^3y^3 + xy^3 + \frac{9}{10}x^3 - 3\frac{8}{9}x^3y^3 + 2\frac{3}{4}xy^3 + 1\frac{1}{3}xy^3 + \frac{1}{2}x^3 + 1\frac{1}{2}y^3 \quad 1\frac{34}{63}x^3y^3 + 5\frac{1}{12}xy^3 + 1\frac{2}{5}x^3 + 1\frac{1}{2}y^3$$

$$572) 1\frac{8}{9}x + 2y^3 + 4\frac{3}{4}y^3 - 2x - 2\frac{7}{10}xy^3 + \frac{3}{4}y^3 + 8\frac{2}{5}xy^3 + 1\frac{2}{5}x \quad 5\frac{7}{10}xy^3 + 7\frac{1}{2}y^3 + 1\frac{13}{45}x$$

$$573) \frac{2}{3}x^2 - \frac{8}{9}y^3 + 1\frac{1}{8}x^2y^3 + \frac{1}{2}x^3y^2 - 2\frac{3}{4}y^3 + 3\frac{2}{7}x^2y^3 + \frac{1}{3}x^2y + 2\frac{1}{2}y^3 \quad 4\frac{23}{56}x^2y^3 + \frac{1}{2}x^3y^2 - 1\frac{5}{36}y^3 + \frac{1}{3}x^2y + \frac{2}{3}x^2$$

$$574) 4x^2 - \frac{1}{3}x^3 + 4\frac{2}{7}x^2 - 5x^3 + \frac{2}{9}x^3y^3 + 1\frac{1}{3}x^2 + 1\frac{5}{7}x^3y^3 - 1\frac{5}{6}x^3 \quad 1\frac{59}{63}x^3y^3 - 7\frac{1}{6}x^3 + 9\frac{13}{21}x^2$$

$$575) 1\frac{2}{3}x^3y^4 + \frac{3}{7}x^3 + \frac{1}{3}y^2 + 1\frac{7}{9}x^3 + \frac{1}{3}x^3y^4 + 1\frac{5}{6}x^3y^4 + 8\frac{3}{4}x^3 - 3\frac{9}{10}y^2 \quad 3\frac{5}{6}x^3y^4 + 10\frac{241}{252}x^3 - 3\frac{17}{30}y^2$$

$$576) 2\frac{4}{5}m^4n^2 + 4\frac{2}{5}n^4 + 1\frac{8}{9}m^4n + 1\frac{1}{2}m^3n^4 + 4\frac{2}{5}n^4 + 1\frac{4}{5}m^4n + \frac{1}{3}m^3n^4 + 2\frac{1}{8}m^4n^3 \quad 1\frac{5}{6}n^4m^3 + 2\frac{1}{8}n^3m^4 + 2\frac{4}{5}n^2m^4$$

$$577) \frac{3}{4}ab^3 - 1\frac{1}{2}a^2b^4 + 5\frac{1}{4}a^2b + 1\frac{1}{4}b^2 + \frac{2}{9}ab^3 + 1\frac{1}{3}a^2b^4 - \frac{1}{2}ab^3 - 4a^2b \quad -\frac{1}{6}b^4a^2 + \frac{17}{36}b^3a + 1\frac{1}{4}ba^2 + 1\frac{1}{4}b^2$$

$$578) 1\frac{3}{4}ab^3 + 3a^3b^3 + 2\frac{5}{6}ab^3 + 2a^3b^3 - 1\frac{1}{5}ab + 1\frac{5}{6}a^3b^3 + 3\frac{3}{5}ab - \frac{1}{4}ab^3 \quad 6\frac{5}{6}a^3b^3 + 4\frac{1}{3}ab^3 + 2\frac{2}{5}ab$$

$$579) x^3y^4 - \frac{1}{5}x + 3x^3y^4 + 3\frac{1}{3}x - 1\frac{1}{6}x^4y^2 + \frac{1}{4}x + \frac{1}{2}x^4y^2 - 1\frac{3}{8}y^3 \quad 4x^3y^4 - \frac{2}{3}x^4y^2 - 1\frac{3}{8}y^3 + 3\frac{23}{60}x$$

$$580) 2\frac{1}{9}x^4 - 1\frac{1}{4}x^3y^3 + \frac{2}{3}x^4 + 1\frac{4}{5}y^3 + 4\frac{1}{3}x^3y^3 + 1\frac{1}{2}xy^2 + 2\frac{2}{3}x^4 + 4\frac{1}{2}x^3y^3 \quad 7\frac{7}{12}x^3y^3 + 5\frac{4}{9}x^4 + 1\frac{4}{5}y^3 + 1\frac{1}{2}xy^2$$

$$581) \frac{1}{9}x^4 - 1\frac{1}{10}x^2y^2 + 2x^4y^2 + \frac{3}{4}x^2y^2 + 1\frac{1}{2}x^4 + 2\frac{1}{10}x^2y^4 + \frac{3}{4}x^2y^2 + \frac{9}{10}x^4 \quad 2x^4y^2 + 2\frac{1}{10}x^2y^4 + \frac{2}{5}x^2y^2 + 2\frac{23}{45}x^4$$

$$582) 1\frac{1}{6}m^2 + 5\frac{2}{9}m + 3\frac{5}{6}n^4 + 5\frac{1}{5}mn + \frac{1}{2}m + m^2 + \frac{1}{2}n^4 + \frac{2}{3}m^3n^4 \quad \frac{2}{3}m^3n^4 + 4\frac{1}{3}n^4 + 5\frac{1}{5}mn + 2\frac{1}{6}m^2 + 5\frac{13}{18}m$$

$$583) \frac{1}{3}a^2b^4 - \frac{1}{2}a^4b^3 + 1\frac{1}{3}a^4b^3 + \frac{2}{3}a^3b^2 + 5\frac{1}{2}a^2b^4 + 5\frac{4}{5}a^4b^3 + 5\frac{5}{6}a^3b^2 + 5\frac{1}{6}a^2b^4 \quad 6\frac{19}{30}a^4b^3 + 11a^2b^4 + 6\frac{1}{2}a^3b^2$$

$$584) 3\frac{5}{9}y^2 + x^2 + 1\frac{3}{5}xy^4 - 1\frac{1}{2}x^2y^4 + 3\frac{3}{4}y^2 + 1\frac{2}{3}x^3y^4 + 3\frac{7}{10}xy^4 + 1\frac{1}{2}x^2y^4 \quad 1\frac{2}{3}y^4x^3 + 5\frac{3}{10}y^4x + 7\frac{11}{36}y^2 + x^2$$

$$585) 1\frac{1}{3}x^4y^4 + 1\frac{5}{6}x^4y^2 + \frac{1}{6}x^4y^2 - 3\frac{7}{8}x^4y^4 + \frac{7}{9}xy^4 + x^4y^2 + 5\frac{7}{10}xy^4 + 1\frac{1}{2}x^4y^4 - 1\frac{1}{24}x^4y^4 + 3x^4y^2 + 6\frac{43}{90}xy^4$$

$$586) 6x + 5\frac{5}{6}xy^2 + \frac{4}{7}xy^2 + 3\frac{1}{8}xy^4 + 3\frac{4}{9}x + 4\frac{2}{3}x + 1\frac{3}{5}xy^2 + 4\frac{5}{6}xy^4 - 7\frac{23}{24}xy^4 + 8\frac{1}{210}xy^2 + 14\frac{1}{9}x$$

$$587) \frac{2}{3}ab + 5b^4 + 1\frac{1}{7}b^4 - 1\frac{5}{7}ab + 3\frac{5}{6}a^4b^2 + \frac{5}{9}a^4b^2 + 1\frac{3}{8}b^4 + 1\frac{2}{3}ab - 4\frac{7}{18}b^2a^4 + 7\frac{29}{56}b^4 + \frac{13}{21}ba$$

$$588) 9x - \frac{1}{4}x^3 + 3\frac{4}{5}x^3 + 2 + \frac{3}{7}x^2y^4 + 1\frac{9}{10} - 1\frac{1}{4}x^3 + 2\frac{2}{3}x^2y^4 - 3\frac{2}{21}x^2y^4 + 2\frac{3}{10}x^3 + 9x + 3\frac{9}{10}$$

$$589) \frac{3}{4}u^4v^3 + \frac{3}{8}u^3v + 2\frac{1}{4}u^3v^3 + \frac{1}{4}u^3v + 1\frac{1}{6}v^3 + 2\frac{1}{5}u^3v^3 - 2\frac{5}{6}u^3v^2 + 1\frac{4}{9}v^3 - \frac{3}{4}v^3u^4 + 4\frac{9}{20}v^3u^3 - 2\frac{5}{6}v^2u^3 + \frac{5}{8}vu^3 +$$

$$590) 4\frac{5}{6} - \frac{1}{4}x^2y + 2\frac{1}{6}x^3y + 1\frac{2}{5} + 3\frac{5}{8}x^3 + 1\frac{3}{8} + 8\frac{3}{7}x^2y - 2\frac{1}{2}x^3y - \frac{1}{3}x^3y + 8\frac{5}{28}x^2y + 3\frac{5}{8}x^3 + 7\frac{73}{120}$$

$$591) 4\frac{1}{10}m^3n^3 + 1\frac{7}{10}m^3n^4 + 1\frac{5}{8}m^3n^4 + m^4n^2 + 4\frac{1}{6}m^3n^3 + 3\frac{1}{2}m^4 - 2\frac{1}{2}m^3n^4 + 5\frac{8}{9}m^4n^2 - \frac{33}{40}m^3n^4 + 8\frac{4}{15}m^3n^3 +$$

$$592) 5\frac{1}{5}y^3 - 3\frac{1}{5}x^4y^4 + 4\frac{3}{4}y^2 + \frac{3}{5}x^4y^4 - 2\frac{2}{5}y^3 + \frac{1}{2}y^3 + \frac{1}{4}x^4y^4 + 1\frac{5}{6}y^2 - 2\frac{7}{20}y^4x^4 + 3\frac{3}{10}y^3 + 6\frac{7}{12}y^2$$

$$593) \frac{1}{2}x^4y^3 - 1\frac{2}{7}x^2y + 5\frac{2}{3}x^4y^3 - 1\frac{1}{3}x^2y + 1\frac{3}{7}x^3 + x^2y - \frac{3}{10}x^3 + 1\frac{1}{3}x^4y^3 - 7\frac{1}{2}x^4y^3 - 1\frac{13}{21}x^2y + 1\frac{9}{70}x^3$$

$$594) 1\frac{1}{3}u^2v + \frac{1}{10}u^2 + 2\frac{1}{2}u^2v^3 - 1\frac{3}{7}u^2 + \frac{3}{4}u^2v + 1\frac{1}{6}u^4 + 1\frac{1}{2}u^2v^3 - 2u^2 - 4u^2v^3 + 1\frac{1}{6}u^4 + 2\frac{1}{12}u^2v - 3\frac{23}{70}u^2$$

$$595) \frac{1}{8}x^4y^3 - 1\frac{4}{7}x^2 + 2\frac{5}{6}x^2 + 1\frac{1}{5}y^2 - x^4y^3 + 1\frac{2}{5}x^4y^3 - 2y^2 - 2\frac{1}{10}x^2 - \frac{21}{40}x^4y^3 - \frac{4}{5}y^2 - \frac{88}{105}x^2$$

$$596) \frac{1}{4}a^3b^3 - 1\frac{3}{8}ab + 1\frac{2}{3}ab + \frac{1}{5}a^3b + 1\frac{3}{4}a^3b^3 + \frac{1}{10}a^3b^3 - \frac{1}{4}a^3b + \frac{2}{7}ab - 2\frac{1}{10}a^3b^3 - \frac{1}{20}a^3b + \frac{97}{168}ab$$

$$597) \frac{1}{2}xy - 1\frac{5}{7}x^4y^2 + 5\frac{1}{2}xy - \frac{1}{2}x^2y - 10x^4y^2 + 1\frac{1}{3}xy + 1\frac{1}{9}x^4y^2 - 1\frac{3}{10}x^2y - 10\frac{38}{63}x^4y^2 - 1\frac{4}{5}x^2y + 7\frac{1}{3}xy$$

$$598) 4\frac{5}{6}b^2 + \frac{5}{8}a^3b + 1\frac{2}{3}b^2 + 5\frac{1}{8}a^2b^4 + 2\frac{1}{5}a^4b^4 + \frac{2}{7}b^2 + 5\frac{2}{9}a^4b^4 + 2a^2b^4 \quad 7\frac{19}{45}b^4a^4 + 7\frac{1}{8}b^4a^2 + \frac{5}{8}ba^3 + 6\frac{11}{14}b^2$$

$$599) \frac{1}{2}x^2y^3 + 2\frac{5}{6}y^3 + 2\frac{1}{7}x^3y^4 + 2x^2y^3 - 1\frac{2}{3}y^3 + 1\frac{2}{5}x^2y^3 - 1\frac{7}{8}xy^3 - 2y^3 \quad 2\frac{1}{7}y^4x^3 + 3\frac{9}{10}y^3x^2 - 1\frac{7}{8}y^3x - \frac{5}{6}y^3$$

$$600) 3\frac{1}{3}y - 6\frac{3}{4}y^2 + \frac{1}{2}y + 1\frac{1}{4}x^4y^4 + \frac{6}{7}y^4 + \frac{4}{9}x^4y^4 + \frac{2}{5}y - 1\frac{1}{3}y^4 \quad 1\frac{25}{36}y^4x^4 - \frac{10}{21}y^4 - 6\frac{3}{4}y^2 + 4\frac{7}{30}y$$

$$601) \left(2\frac{4}{9}ab^2 + \frac{1}{4}b\right) - \left(1\frac{2}{3}b - 1\frac{5}{6}ab^2 - \frac{2}{11}a^4b^3\right) - \left(2\frac{3}{10}ab^2 + 1\frac{7}{11}b + 2\frac{1}{6}a^4b^3\right) \quad -1\frac{65}{66}b^3a^4 + 1\frac{44}{45}b^2a - 3\frac{7}{132}b$$

$$602) \left(2x^2y^4 + 4\frac{7}{11}x^3\right) - \left(6\frac{1}{2}y^2 + 4\frac{1}{12}x^2y^4 - \frac{2}{13}x^3\right) - \left(7\frac{1}{4}y^2 - 1\frac{3}{4}x^3 - \frac{2}{3}x^2y^4\right) \quad -1\frac{5}{12}x^2y^4 + 6\frac{309}{572}x^3 - 13\frac{3}{4}y^2$$

$$603) \left(5\frac{7}{13}uv^2 - \frac{5}{11}v^2\right) - \left(3\frac{1}{4}v^4 + 4u^2v^4 - 3\frac{7}{13}uv^2\right) - \left(\frac{1}{2}uv^2 - 1\frac{10}{13}v^2 - 5u^2v^4\right) \quad v^4u^2 - 3\frac{1}{4}v^4 + 8\frac{15}{26}v^2u + 1\frac{45}{143}v^2$$

$$604) \left(1\frac{11}{14}n^2 + \frac{10}{11}m^2n^2\right) - \left(\frac{1}{2}m^2n^2 - 4m^3n + \frac{11}{12}n^2\right) - \left(\frac{1}{2}m^3n - \frac{1}{7}n^2 + \frac{1}{4}m^2n^2\right) \quad \frac{7}{44}n^2m^2 + 3\frac{1}{2}nm^3 + 1\frac{1}{84}n^2$$

$$605) \left(5\frac{11}{12}x^2 + 2\frac{1}{2}x\right) - \left(\frac{4}{9}x^3y^2 - 8\frac{5}{6}x^2 - xy^3\right) - \left(1\frac{3}{14}x - 2\frac{10}{13}x^3y + 7\frac{9}{10}xy^3\right) \quad -\frac{4}{9}x^3y^2 - 6\frac{9}{10}xy^3 + 2\frac{10}{13}x^3y + 14\frac{3}{4}$$

$$606) \left(\frac{1}{6}x^3y^4 - \frac{1}{2}xy^4\right) - \left(5\frac{1}{11}x^4y - 8\frac{2}{5}x^3y^4 - \frac{2}{9}xy^4\right) - \left(\frac{4}{9}x^3y^4 + 2\frac{1}{8}xy^4 - 1\frac{3}{10}x^4y\right) \quad 8\frac{11}{90}x^3y^4 - 2\frac{29}{72}xy^4 - 3\frac{87}{110}x^4y$$

$$607) \left(3\frac{1}{3}u^3v^4 - 1\frac{13}{14}u^4v^3\right) - \left(3\frac{1}{2}uv^4 + u^2v + \frac{4}{7}u^4v^3\right) - \left(1\frac{3}{7}u^3v^4 + u^4v^3 + \frac{4}{5}u^2v\right) \quad 1\frac{19}{21}u^3v^4 - 3\frac{1}{2}u^4v^3 - 3\frac{1}{2}uv^4 - 1$$

$$608) \left(n^2 + \frac{1}{6}m^4n^2\right) - \left(2\frac{13}{14}m^4n^2 + 12\frac{4}{5}m^4 + \frac{1}{14}m^2n^3\right) - \left(1\frac{6}{13}m^4 - 1\frac{3}{7}m^4n^2 - 3\frac{1}{9}n^2\right) \quad -1\frac{1}{3}n^2m^4 - \frac{1}{14}m^2n^3 - 14\frac{17}{65}$$

$$609) \left(1\frac{1}{5}x^4 - x^2y\right) - \left(1\frac{1}{2}x^4y^4 + 2\frac{1}{12}x^2y^3 + 1\frac{5}{14}x^2y\right) - \left(\frac{8}{9}x^2y + 7\frac{5}{6}x^4 + \frac{2}{5}x^2y^3\right) \quad -1\frac{1}{2}x^4y^4 - 2\frac{29}{60}x^2y^3 - 6\frac{19}{30}x^4 - 3$$

$$610) \left(\frac{2}{13}u^3v^3 - 6u^3v^4\right) - \left(1\frac{1}{6}u^4v + 5\frac{3}{5}u^2 - 1\frac{1}{2}u^3v^3\right) - \left(\frac{1}{10}u^4v + 3\frac{1}{3}u^2 - 1\frac{1}{12}u^3v^4\right) \quad -4\frac{11}{12}u^3v^4 + 1\frac{17}{26}u^3v^3 - 1\frac{4}{15}u^2v$$

$$611) \left(2xy - \frac{1}{2}x\right) - \left(1\frac{1}{2}xy^4 - \frac{5}{6}x^3y^2 + 6\frac{1}{8}xy\right) - \left(\frac{5}{8}x^3y^2 + 1\frac{2}{9}xy + 4\frac{1}{7}x\right) \quad -1\frac{1}{2}xy^4 + \frac{5}{24}x^3y^2 - 5\frac{25}{72}xy - 4\frac{9}{14}x$$

$$612) \left(1\frac{3}{4}m^2n^4 - 8n^4\right) - \left(7\frac{1}{3}n^4 + \frac{11}{12}m^4n + \frac{13}{14}m^2n^4\right) - \left(2m^4n + 1\frac{1}{4}m^2n^4 - 1\frac{9}{14}n^4\right) \quad -\frac{3}{7}n^4m^2 - 2\frac{11}{12}nm^4 - 13\frac{29}{42}n^4$$

$$613) \left(1\frac{1}{4}y^2 - \frac{3}{5}x^4y\right) - \left(8x^3 + \frac{1}{9}x^2y^3 + \frac{8}{9}y^2\right) - \left(4\frac{1}{12}x^3 + 6\frac{3}{10}x^2y^3 - \frac{4}{5}x^4y\right) \quad \frac{1}{5}yx^4 - 6\frac{37}{90}y^3x^2 - 12\frac{1}{12}x^3 + \frac{13}{36}y^2$$

$$614) \left(\frac{7}{9}x^3y^3 + 1\frac{1}{2}x^3y\right) - \left(1\frac{1}{3}x^3y + \frac{4}{13}x^2y^3 + 4\frac{2}{13}x^3y^3\right) - \left(2x^3y + x^3y^3 + 1\frac{1}{2}x^2y^3\right) \quad -4\frac{44}{117}x^3y^3 - 1\frac{21}{26}x^2y^3 - 1\frac{5}{6}x^3y$$

$$615) \left(2xy^4 + 7\frac{3}{10}\right) - \left(4\frac{1}{2}xy^4 + 6\frac{1}{10} - 1\frac{1}{3}x^3y\right) - \left(\frac{1}{14}xy^4 + 7\frac{4}{7} + 1\frac{2}{11}x^3y\right) \quad -2\frac{4}{7}xy^4 + \frac{5}{33}x^3y - 6\frac{13}{35}$$

$$616) \left(1\frac{1}{4}xy^3 - 2\frac{1}{6}x^3y^2\right) - \left(x^3y^2 - \frac{3}{7} - 1\frac{1}{3}y^2\right) - \left(7\frac{1}{3}xy^3 - \frac{1}{4} - \frac{5}{8}x^4y^3\right) \quad \frac{5}{8}x^4y^3 - 3\frac{1}{6}x^3y^2 - 6\frac{1}{12}xy^3 + 1\frac{1}{3}y^2 + \frac{19}{28}$$

$$617) \left(6\frac{3}{5}v - 2u^2\right) - \left(2\frac{3}{8}u^2 - 1\frac{1}{2}v + 6\frac{7}{9}uv^3\right) - \left(1\frac{4}{5}uv^3 + 1\frac{7}{12}u^2 - 2\frac{10}{11}v\right) \quad -8\frac{26}{45}uv^3 - 5\frac{23}{24}u^2 + 11\frac{1}{110}v$$

$$618) \left(1\frac{1}{4}a^2b^4 + 2\frac{2}{11}a\right) - \left(1\frac{2}{3}a^2b^4 + 1\frac{1}{12}b^4 + 6\frac{9}{11}a^3b^3\right) - \left(2\frac{8}{9}a^3b^3 + \frac{2}{3}a^4b + 1\frac{1}{3}a^2b^4\right) \quad -1\frac{3}{4}a^2b^4 - 9\frac{70}{99}b^3a^3 - \frac{2}{3}a$$

$$619) \left(5\frac{1}{3}u^3v + 1\frac{1}{3}u^2v^4\right) - \left(2\frac{5}{12}u^2v^4 + \frac{1}{6}u^3v - 8v\right) - \left(1\frac{1}{14}v - 1\frac{8}{13}u^3v + 1\frac{5}{11}uv^3\right) \quad -1\frac{1}{12}v^4u^2 + 6\frac{61}{78}vu^3 - 1\frac{5}{11}v^3u$$

$$620) \left(1\frac{1}{4}x^3 + 1\frac{9}{13}x^4\right) - \left(3\frac{3}{8}x^4 - \frac{1}{7} - 4x^2y\right) - \left(2x^4 + 4\frac{5}{12} + \frac{5}{6}x^2y\right) \quad -3\frac{71}{104}x^4 + 1\frac{1}{4}x^3 + 3\frac{1}{6}x^2y - 4\frac{23}{84}$$

$$621) \left(5\frac{3}{5}y^2 - 1\frac{2}{5}x^4y^2\right) - \left(2y^2 - 1\frac{1}{3}x^4y^2 + 2\frac{1}{3}x^2\right) - \left(5\frac{1}{5}x^3y + 1\frac{1}{2}x^4y^2 - 1\frac{1}{2}y^2\right) \quad -1\frac{17}{30}x^4y^2 - 5\frac{1}{5}yx^3 - 2\frac{1}{3}x^2 + 5\frac{1}{1}$$

$$622) \left(\frac{8}{11}xy + 9y^2\right) - \left(\frac{2}{7}y^2 + \frac{10}{13}x^4y + 2\frac{2}{3}xy\right) - \left(6\frac{7}{10}y^2 + 4\frac{3}{5}x^4 - 2xy\right) \quad -\frac{10}{13}yx^4 - 4\frac{3}{5}x^4 + 2\frac{1}{70}y^2 + \frac{2}{33}yx$$

$$623) \left(\frac{5}{9}x^2 - 1\frac{5}{11}x^3\right) - \left(3\frac{6}{7}y^3 + \frac{2}{3}x^4y^4 - 1\frac{11}{12}x^3\right) - \left(1\frac{5}{11}y^3 - 3\frac{1}{2}x^4y - 3\frac{3}{10}x^3\right) \quad -\frac{2}{3}y^4x^4 + 3\frac{1}{2}yx^4 - 5\frac{24}{77}y^3 + 3\frac{50}{66}$$

$$624) \left( \frac{1}{2}n - 2m^2n^4 \right) - \left( 2m^4 + \frac{1}{2}n - 2\frac{8}{11}m^2n^4 \right) - \left( 4\frac{3}{10}m^4 + 6\frac{1}{5}n - 1\frac{7}{11}m^2n^4 \right) \quad 2\frac{4}{11}m^2n^4 - 6\frac{3}{10}m^4 - 6\frac{1}{5}n$$

$$625) \left( xy - 2\frac{1}{9}x^4y^2 \right) - \left( 2xy + 5\frac{1}{5}x^2 + 1\frac{7}{10}x^4y^2 \right) - \left( 1\frac{1}{3}xy + 5\frac{4}{7}y^2 - \frac{5}{7}x^2 \right) \quad -3\frac{73}{90}x^4y^2 - 2\frac{1}{3}xy - 4\frac{17}{35}x^2 - 5\frac{4}{7}y^2$$

$$626) \left( 1\frac{5}{8}xy^2 + 1\frac{4}{5}x \right) - \left( 1\frac{3}{5}xy^2 + 1\frac{1}{3}x - 13x^3y^2 \right) - \left( 2\frac{4}{5}x + 1\frac{9}{10}xy^2 + 7\frac{3}{14}x^3y^2 \right) \quad 5\frac{11}{14}x^3y^2 - 1\frac{7}{8}xy^2 - 2\frac{1}{3}x$$

$$627) \left( 1\frac{1}{8}a^3b^3 + 3\frac{1}{2}a^4b^2 \right) - \left( \frac{2}{5}a^4b + 4\frac{1}{8}a^3b^3 + 5\frac{6}{7}a^4b^2 \right) - \left( \frac{9}{10}a^4b - 1\frac{1}{10}a^3b^3 + 1\frac{5}{9}a^4b^2 \right) \quad -1\frac{9}{10}a^3b^3 - 3\frac{115}{126}a^4b^2$$

$$628) \left( 5\frac{1}{3}a^4b^2 + 6\frac{6}{7}b^2 \right) - \left( \frac{6}{13}a^4b^2 - 1\frac{5}{8}b + 1\frac{7}{8}b^2 \right) - \left( 1\frac{3}{10}b + 2b^2 - 1\frac{5}{6}a^4b^2 \right) \quad 6\frac{55}{78}b^2a^4 + 2\frac{55}{56}b^2 + \frac{13}{40}b$$

$$629) \left( \frac{1}{3}x^3y^2 - 1\frac{12}{13}x^3y^3 \right) - \left( 1\frac{10}{13}xy^2 - 1\frac{3}{5}x^2 + 6\frac{7}{8}y^2 \right) - \left( \frac{2}{3}x^3y^3 + 2\frac{5}{6}x^3y^2 - 3\frac{4}{5}x^2 \right) \quad -2\frac{23}{39}x^3y^3 - 2\frac{1}{2}x^3y^2 - 1\frac{10}{13}xy^2$$

$$630) \left( \frac{3}{7}x^4y^3 + 1\frac{5}{8}x \right) - \left( 14x + 1\frac{7}{9}x^4y^2 + 7\frac{1}{5}y^3 \right) - \left( \frac{2}{3}x + 3\frac{3}{4}x^4y^3 - 2\frac{7}{12}y^3 \right) \quad -3\frac{9}{28}x^4y^3 - 1\frac{7}{9}y^2x^4 - 4\frac{37}{60}y^3 - 13\frac{1}{24}x$$

$$631) \left( 4\frac{8}{13}x^2y^4 + 1\frac{2}{3}x^4y^4 \right) - \left( 6\frac{1}{5}x^4y^4 + 3\frac{2}{3}x^2y^4 + 6\frac{6}{13}x^3y \right) - \left( 6x^4y^4 + \frac{9}{11}x^2y^4 - 1\frac{1}{3}x^3y \right) \quad -10\frac{8}{15}x^4y^4 + \frac{56}{429}x^2y^4$$

$$632) \left( \frac{3}{4}x^3y^3 + \frac{1}{2}xy^2 \right) - \left( 2x^2y^4 + 1\frac{1}{3}xy^2 - 1\frac{10}{13}y^4 \right) - \left( \frac{1}{8}x^2y^4 + 5\frac{5}{7}y^4 - \frac{1}{3}x^3y^3 \right) \quad 1\frac{1}{12}y^3x^3 - 2\frac{1}{8}y^4x^2 - 3\frac{86}{91}y^4 - \frac{5}{6}xy^2$$

$$633) \left( 2mn + 4\frac{9}{10}m^4n^2 \right) - \left( 1\frac{2}{5}m^4n^2 + 3\frac{1}{2}mn^2 - \frac{3}{4}mn \right) - \left( \frac{4}{5}m^3n^2 + 5\frac{12}{13}m^4n^2 + 1\frac{3}{4}mn^2 \right) \quad -2\frac{11}{26}m^4n^2 - \frac{4}{5}m^3n^2 - 5\frac{1}{4}mn$$

$$634) (9u^2v + 14uv^2) - \left( 1\frac{1}{4}u^2v - 2u^3v^3 - \frac{3}{5}uv^2 \right) - \left( 6\frac{5}{6}uv^2 + 3\frac{1}{5}v^2 - 1\frac{2}{3}u^2v \right) \quad 2v^3u^3 + 7\frac{23}{30}v^2u + 9\frac{5}{12}vu^2 - 3\frac{1}{5}v^2$$

$$635) \left( 1\frac{2}{11}a^3b - 1\frac{3}{4} \right) - \left( 3\frac{1}{2}a^2b^4 - 2\frac{1}{5} + 1\frac{2}{13}a^3b \right) - \left( 1\frac{7}{10}a^3b - \frac{12}{13} + \frac{1}{2}a^2b^4 \right) \quad -4a^2b^4 - 1\frac{961}{1430}a^3b + 1\frac{97}{260}$$

$$636) \left( 3\frac{5}{14}y^4 + 4\frac{7}{12}x^4y^4 \right) - \left( 2y - 1\frac{11}{12}y^4 + 1\frac{3}{4} \right) - \left( \frac{1}{7}x^4y^4 + 6\frac{1}{3}y^4 - 1\frac{3}{7} \right) \quad 4\frac{37}{84}y^4x^4 - 1\frac{5}{84}y^4 - 2y - \frac{9}{28}$$

$$637) \left(6\frac{1}{3}x^4y^4 + 3\frac{4}{11}x^2\right) - \left(1\frac{2}{3}x^2 - 1\frac{1}{14}x^4y^4 - 1\frac{5}{12}x\right) - \left(4\frac{11}{13}x - \frac{4}{7}x^2 + 1\frac{4}{7}x^4y^4\right) \quad 5\frac{5}{6}x^4y^4 + 2\frac{62}{231}x^2 - 3\frac{67}{156}x$$

$$638) \left(1\frac{1}{8}m^2n - 2\frac{2}{3}m^4\right) - \left(1\frac{1}{8}mn^4 + 1\frac{5}{12}m^4 + 8\frac{9}{10}m^2n\right) - \left(2\frac{3}{13}mn^4 + 1\frac{2}{3}m^4 + 1\frac{5}{6}m^2n\right) \quad -3\frac{37}{104}mn^4 - 5\frac{3}{4}m^4 - 9\frac{7}{10}m^2n$$

$$639) \left(4\frac{1}{2}x^3y - 1\frac{2}{11}y^4\right) - \left(\frac{1}{2}x^4y^4 - 3\frac{3}{14}x^3y^3 - 1\frac{1}{2}y^4\right) - \left(\frac{5}{9}x^3y^3 - 2x^2 - \frac{1}{2}x^4y^4\right) \quad 2\frac{83}{126}y^3x^3 + \frac{7}{22}y^4 + 4\frac{1}{2}yx^3 + 2x^2$$

$$640) \left(2\frac{12}{13}x + 2\frac{5}{6}x^3y^4\right) - \left(6\frac{1}{4}x + 3\frac{1}{6}x^3y^4 - 5x^4y^3\right) - \left(3\frac{2}{5}x + \frac{1}{3}x^3y^4 - 2x^4y^3\right) \quad -\frac{2}{3}x^3y^4 + 7x^4y^3 - 6\frac{189}{260}x$$

$$641) \left(2m^4n + 6\frac{1}{2}mn^3\right) - \left(\frac{1}{8}m^4n - 2m^2n + 2\frac{8}{9}mn^3\right) - \left(1\frac{5}{7}m^2n + 5\frac{1}{12}m^4n + 2\frac{10}{11}mn^3\right) \quad -3\frac{5}{24}m^4n + \frac{139}{198}mn^3 + \frac{2}{7}m^2n$$

$$642) \left(6\frac{10}{13}x^2y^3 + 7\frac{3}{14}x^3\right) - \left(\frac{2}{11}y^3 - 3\frac{12}{13}x^3 - 1\frac{11}{14}x^2y^3\right) - \left(7\frac{5}{13}x^3 - 2\frac{1}{6}y^3 - 2\frac{2}{5}x^2y^3\right) \quad 10\frac{869}{910}x^2y^3 + 3\frac{137}{182}x^3 + 1\frac{1}{10}y^3$$

$$643) \left(1\frac{4}{7}a^3b - 1\frac{11}{13}ab^2\right) - \left(2\frac{1}{14}a^3b + 5\frac{5}{6}a^4b + 7\frac{9}{10}a^3b^3\right) - \left(1\frac{3}{4}a^3b + 7\frac{7}{12}a^4b + 5\frac{9}{10}a^2b^4\right) \quad -7\frac{9}{10}a^3b^3 - 5\frac{9}{10}a^2b^4$$

$$644) \left(\frac{2}{3}u + 1\frac{7}{9}v^3\right) - \left(\frac{1}{2}u + \frac{4}{11}v + 1\frac{1}{3}v^3\right) - \left(3\frac{2}{13}u^3v^2 + 6\frac{1}{2}u + v\right) \quad -3\frac{2}{13}u^3v^2 + \frac{4}{9}v^3 - 1\frac{4}{11}v - 6\frac{1}{3}u$$

$$645) \left(\frac{2}{3} - 3\frac{1}{9}u^2v^2\right) - \left(2u^4v - 1\frac{8}{11}u^2v^2 - \frac{3}{10}uv\right) - \left(6\frac{3}{4}u^4v - 1\frac{1}{3} - 1\frac{4}{5}uv\right) \quad -8\frac{3}{4}u^4v - 1\frac{38}{99}u^2v^2 + 2\frac{1}{10}uv + 2$$

$$646) \left(1\frac{3}{4}xy^2 + 10\frac{2}{3}x^4y^3\right) - \left(1\frac{10}{11}xy^2 + 8x^4y^2 + 8x^3y^3\right) - \left(xy + \frac{8}{13}x^4y^3 - \frac{1}{6}x^3y^3\right) \quad 10\frac{2}{39}x^4y^3 - 8x^4y^2 - 7\frac{5}{6}x^3y^3 - \frac{1}{4}xy$$

$$647) \left(3\frac{8}{11}y^2 - 2x^3y^2\right) - \left(5\frac{1}{12}x + 1\frac{1}{2}x^3y^2 + \frac{1}{2}y^2\right) - \left(\frac{4}{7}y^2 + \frac{1}{6}x - 1\frac{7}{11}x^3y^2\right) \quad -1\frac{19}{22}y^2x^3 + 2\frac{101}{154}y^2 - 5\frac{1}{4}x$$

$$648) \left(\frac{1}{2}y^3 - 1\frac{6}{7}x^2y^3\right) - \left(\frac{11}{12}y^3 + \frac{1}{6}y + 2\frac{3}{10}x^2y^3\right) - \left(4\frac{1}{2}y^3 + 3\frac{3}{11}y + \frac{9}{13}x^2y^3\right) \quad -4\frac{773}{910}y^3x^2 - 4\frac{11}{12}y^3 - 3\frac{29}{66}y$$

$$649) \left(3\frac{1}{2}x^4y^2 + 1\frac{9}{10}x^4\right) - \left(2x^4 + 2x^4y^2 - 2\frac{5}{8}x^2y^3\right) - \left(\frac{1}{2}x^2y^3 + \frac{5}{7}x^4y^2 + 3\frac{3}{10}x^4\right) \quad \frac{11}{14}x^4y^2 + 2\frac{1}{8}x^2y^3 - 3\frac{2}{5}x^4$$

$$650) \left(u^4v^3 - 1\frac{3}{10}u^2v^2\right) - \left(5\frac{3}{8}u^4v^2 + 1\frac{1}{6}u^2v^2 + 4\frac{2}{3}u^4v^3\right) - \left(1\frac{1}{2}u^4v^3 + 2\frac{1}{5}u^4v^2 - \frac{1}{5}u^2v^2\right) \quad -5\frac{1}{6}u^4v^3 - 7\frac{23}{40}u^4v^2 - 2$$

$$651) \left(\frac{3}{5}a^3b - a\right) - \left(8a^3b^4 + 1\frac{1}{3}a^3b - \frac{1}{6}a\right) - \left(1\frac{1}{6}a - \frac{5}{8}a^3b + 7\frac{2}{13}a^4b\right) \quad -8a^3b^4 - 7\frac{2}{13}a^4b - \frac{13}{120}a^3b - 2a$$

$$652) \left(\frac{2}{3} - 1\frac{5}{9}y^2\right) - \left(1\frac{6}{7} - 1\frac{1}{4}y^2 + \frac{9}{14}x^3y^3\right) - \left(\frac{1}{3} + 7\frac{2}{11}x^4y^2 + 4\frac{5}{7}y^2\right) \quad -\frac{9}{14}x^3y^3 - 7\frac{2}{11}x^4y^2 - 5\frac{5}{252}y^2 - 1\frac{11}{21}$$

$$653) \left(5\frac{2}{3}y^3 - 1\frac{1}{2}x^2y\right) - \left(1\frac{1}{2}x^2y - 1\frac{1}{2}xy^4 + 1\frac{11}{12}x^3y^3\right) - \left(6\frac{6}{7}xy^4 + \frac{2}{7}x^2y - 1\frac{1}{6}y^2\right) \quad -1\frac{11}{12}y^3x^3 - 5\frac{5}{14}y^4x - 3\frac{2}{7}yx^2 +$$

$$654) \left(2\frac{6}{7}m^4n^4 + 6\frac{5}{6}m^3n^4\right) - \left(4\frac{2}{7}m^3n^4 - 1\frac{1}{9}mn^3 - n^3\right) - \left(6\frac{1}{9}m^4n^4 + 1\frac{2}{3}n^3 + 7\frac{1}{4}mn^3\right) \quad -3\frac{16}{63}n^4m^4 + 2\frac{23}{42}n^4m^3 - 6$$

$$655) \left(3\frac{3}{14}a^3b^4 + 1\frac{5}{8}b^4\right) - \left(a^2b^4 - \frac{1}{5}ab^4 + 6\frac{1}{3}b^4\right) - \left(1\frac{1}{9}ab^4 - 2a^2b^4 + \frac{1}{2}a^3b^4\right) \quad 2\frac{5}{7}b^4a^3 + b^4a^2 - \frac{41}{45}b^4a - 4\frac{17}{24}b^4$$

$$656) \left(6\frac{2}{13}xy^2 + \frac{5}{12}x^4y^4\right) - \left(7\frac{5}{7}xy^3 - 3\frac{5}{12}x^4 - 1\frac{11}{14}xy^2\right) - \left(4\frac{2}{5}xy^3 - 2\frac{7}{9}x^3 + 2\frac{2}{5}xy^2\right) \quad \frac{5}{12}x^4y^4 - 12\frac{4}{35}xy^3 + 3\frac{5}{12}x^4$$

$$657) \left(\frac{1}{4}u^2v^4 + 1\frac{7}{12}v^3\right) - \left(1\frac{10}{11}uv^2 - \frac{1}{5}u^3v^3 + 2\frac{5}{6}v^3\right) - \left(1\frac{1}{2}u^3v^3 + \frac{1}{2}u^2v^4 + 5\frac{1}{10}uv^2\right) \quad -\frac{1}{4}v^4u^2 - 1\frac{3}{10}v^3u^3 - 7\frac{1}{110}v$$

$$658) \left(\frac{12}{13}x^2y^3 - \frac{1}{3}y^2\right) - \left(6\frac{7}{12}y^2 - 1\frac{1}{3}x^4y^3 + 5\frac{1}{2}x^2y^3\right) - \left(5\frac{2}{5}y^2 + 5\frac{3}{11}x^3 + \frac{10}{11}x^2y^3\right) \quad 1\frac{1}{3}y^3x^4 - 5\frac{139}{286}y^3x^2 - 5\frac{3}{11}x^3$$

$$659) \left(11x^4y^4 + 3\frac{1}{3}xy\right) - \left(xy + 4\frac{4}{7}x^4y^3 + \frac{4}{5}x^4y^4\right) - \left(1\frac{1}{3}x^4y^4 + 9xy + 6\frac{4}{9}\right) \quad 8\frac{13}{15}x^4y^4 - 4\frac{4}{7}x^4y^3 - 6\frac{2}{3}xy - 6\frac{4}{9}$$

$$660) \left(\frac{3}{5}a + 6\frac{1}{2}b^2\right) - \left(6\frac{1}{10}a + 1\frac{3}{5}a^3b - 9b^2\right) - \left(4\frac{3}{4}b^2 - 2a^3b - 2\frac{8}{11}a\right) \quad \frac{2}{5}a^3b + 10\frac{3}{4}b^2 - 2\frac{17}{22}a$$

$$661) \left(4\frac{1}{2}x^3y^4 - 1\frac{5}{8}x^2y^4\right) - \left(\frac{2}{5}x^3y^4 - \frac{2}{9}x^2y^4 - \frac{1}{4}x\right) - \left(\frac{1}{8}x + \frac{2}{3}x^3y^4 - \frac{2}{13}x^2y^4\right) \quad 3\frac{13}{30}x^3y^4 - 1\frac{233}{936}x^2y^4 + \frac{1}{8}x$$

$$662) \left(1\frac{1}{2}b^4 + 4\frac{2}{5}b\right) - \left(10\frac{1}{12}b + 1\frac{1}{7}ab + 1\frac{11}{13}b^4\right) - \left(2\frac{1}{10}b + 6\frac{2}{13}b^4 + 3\frac{5}{12}ab\right) \quad -6\frac{1}{2}b^4 - 4\frac{47}{84}ba - 7\frac{47}{60}b$$



$$663) \left(2\frac{2}{13}y^3 + x^2\right) - \left(2x^4 + 7\frac{5}{14}y^3 + 2\frac{4}{5}x^2\right) - \left(5x^2 + 2\frac{1}{10}x^3y + 2\frac{3}{5}y^3\right) \quad -2x^4 - 2\frac{1}{10}yx^3 - 7\frac{731}{910}y^3 - 6\frac{4}{5}x^2$$

$$664) \left(4\frac{2}{9}x + \frac{1}{3}x^3y^4\right) - \left(4\frac{11}{12}x^3y^4 + 2\frac{3}{5}x^2 + \frac{1}{4}x^2y^4\right) - \left(6\frac{1}{10}x^3y^4 + 5\frac{13}{14}x^2y^4 + \frac{1}{8}x\right) \quad -10\frac{41}{60}x^3y^4 - 6\frac{5}{28}x^2y^4 - 2\frac{3}{5}x^2$$

$$665) \left(13xy^2 - 1\frac{5}{9}xy^4\right) - \left(\frac{9}{14}x^4y + 5\frac{3}{5}xy^4 - 11xy^2\right) - \left(\frac{3}{5}xy^4 + 1\frac{1}{6}xy^2 - 1\frac{1}{12}x^4y\right) \quad -7\frac{34}{45}xy^4 + \frac{37}{84}x^4y + 22\frac{5}{6}xy^2$$

$$666) \left(\frac{1}{6}uv^3 - 2u^4v\right) - \left(7\frac{10}{11}v - \frac{2}{3}uv^3 + 1\frac{1}{6}u^4v\right) - \left(2\frac{6}{7}v + 4\frac{1}{6}uv^3 - \frac{3}{4}u^3\right) \quad -3\frac{1}{6}vu^4 - 3\frac{1}{3}v^3u + \frac{3}{4}u^3 - 10\frac{59}{77}v$$

$$667) \left(1\frac{3}{11}x^4y^4 + 1\frac{2}{5}x\right) - \left(1\frac{4}{11}x^2y^4 - 2\frac{2}{7}x^3y^2 + xy^4\right) - \left(1\frac{1}{2}xy^4 + 10x^3y^2 + 1\frac{1}{6}x\right) \quad 1\frac{3}{11}x^4y^4 - 1\frac{4}{11}x^2y^4 - 2\frac{1}{2}xy^4 -$$

$$668) \left(6\frac{7}{12}m^2n^2 + 9mn^3\right) - \left(\frac{1}{14}m^2n^2 - 1\frac{1}{2}m^2n^4 - 1\frac{5}{6}m^3\right) - \left(1\frac{8}{11}m^2n^4 + \frac{5}{11}m^2n^2 + m^3\right) \quad -\frac{5}{22}m^2n^4 + 6\frac{53}{924}m^2n^2 +$$

$$669) \left(3\frac{4}{5} - 1\frac{3}{10}a^2b\right) - \left(7\frac{1}{3}b^4 + \frac{9}{13}a^2b + 1\frac{1}{2}\right) - \left(1\frac{5}{8}a^2b + \frac{11}{14} + 6\frac{3}{4}b^4\right) \quad -14\frac{1}{12}b^4 - 3\frac{321}{520}a^2b + 1\frac{18}{35}$$

$$670) \left(b^3 + 2\frac{1}{2}b\right) - \left(\frac{6}{11}a^4b + \frac{8}{13}b^3 + 1\frac{1}{9}a^4b^2\right) - \left(3\frac{1}{11}b - 2\frac{9}{14}a^4b + 1\frac{5}{13}ab^2\right) \quad -1\frac{1}{9}b^2a^4 + 2\frac{15}{154}ba^4 + \frac{5}{13}b^3 - 1\frac{5}{13}b$$

$$671) \left(3\frac{11}{13}y + 1\frac{4}{7}y^3\right) - \left(\frac{5}{14}y + 4\frac{7}{13}y^4 + 13x^2y^4\right) - \left(\frac{3}{4}y^4 + 2y^3 + 4\frac{9}{13}y\right) \quad -13y^4x^2 - 5\frac{15}{52}y^4 - \frac{3}{7}y^3 - 1\frac{37}{182}y$$

$$672) \left(3\frac{1}{14}m^3 - 1\frac{1}{4}m^3n^2\right) - \left(1\frac{6}{7}m^3 + \frac{8}{9}m^3n^2 - 1\frac{8}{9}m^4n^4\right) - (5m^3 - 9m^4n^4 - 2m^3n^2) \quad 10\frac{8}{9}m^4n^4 - \frac{5}{36}m^3n^2 - 3\frac{11}{14}m^3$$

$$673) \left(1\frac{13}{14}x^4y^3 + 4\frac{1}{4}x^4y^2\right) - \left(1\frac{5}{6}x^4y^3 - 1\frac{2}{5}x - 1\frac{1}{7}x^4y^2\right) - \left(4\frac{1}{3}x^4y^3 + 1\frac{1}{3}x + 10x^4y^2\right) \quad -4\frac{5}{21}x^4y^3 - 4\frac{17}{28}x^4y^2 + \frac{1}{15}$$

$$674) \left(1\frac{2}{5}y^3 + 1\frac{1}{2}x^4y^3\right) - \left(\frac{2}{11}x^3y^3 - 1\frac{11}{13}y^3 - 1\frac{6}{11}x^4y^3\right) - \left(\frac{1}{4}x^4y^3 + 7x^3y^3 + 1\frac{2}{3}y^3\right) \quad 2\frac{35}{44}y^3x^4 - 7\frac{2}{11}y^3x^3 + 1\frac{113}{195}$$

$$675) \left(1\frac{1}{3}y^2 - 1\frac{11}{13}x^4y^2\right) - \left(4\frac{3}{10}x^4y^2 - \frac{1}{8}y^2 + 1\frac{2}{3}x^3\right) - \left(1\frac{2}{11}y^2 - \frac{6}{7}x^4y - \frac{2}{13}x^4y^2\right) \quad -5\frac{129}{130}y^2x^4 + \frac{6}{7}yx^4 - 1\frac{2}{3}x^3 +$$

$$676) \left(1\frac{11}{12}xy + \frac{1}{3}y\right) - \left(\frac{3}{8}x^4y^4 - 1\frac{5}{6}y + 1\frac{13}{14}xy\right) - \left(xy + \frac{4}{11}y - 1\frac{1}{5}x^4y^2\right) - \frac{3}{8}y^4x^4 + 1\frac{1}{5}y^2x^4 - 1\frac{1}{84}yx + 1\frac{53}{66}y$$

$$677) \left(7\frac{7}{8}x^2y^3 + 1\frac{1}{5}x^2\right) - \left(7\frac{1}{3}x^3y^4 + \frac{6}{13}x^4y^4 + \frac{2}{3}x^4y^2\right) - \left(7\frac{5}{6}x^4y^2 + 1\frac{1}{8}x^3y^4 + 2\frac{9}{10}x^2\right) - \frac{6}{13}x^4y^4 - 8\frac{11}{24}x^3y^4 - 8\frac{1}{2}x^2$$

$$678) \left(\frac{1}{2}u^3v^3 + 6\frac{1}{5}u^2\right) - \left(6\frac{1}{10}u^3v - 1\frac{8}{13}u - 1\frac{7}{10}u^3v^3\right) - \left(10u^3v - u^3v^3 + 3\frac{7}{12}u^2\right) - 3\frac{1}{5}u^3v^3 - 16\frac{1}{10}u^3v + 2\frac{37}{60}u^2 + 1$$

$$679) \left(5m + 5\frac{12}{13}m^2\right) - \left(6\frac{12}{13}n^3 + 6\frac{11}{13}m + 3\frac{2}{9}m^2\right) - \left(1\frac{1}{3}n^3 + \frac{1}{3}m^2n^4 + 4\frac{1}{14}m^2\right) - \frac{1}{3}n^4m^2 - 8\frac{10}{39}n^3 - 1\frac{607}{1638}m^2 - 1$$

$$680) \left(2x^3y^4 + 4\frac{1}{10}y^3\right) - \left(4\frac{4}{7}x^3y^4 + 2x^2y^3 + 1\frac{4}{9}x^4\right) - \left(1\frac{2}{3}y^3 - 2x^4 - 2\frac{2}{9}x^3y^4\right) - \frac{22}{63}y^4x^3 - 2x^2y^3 + \frac{5}{9}x^4 + 2\frac{13}{30}y^3$$

$$681) \left(2\frac{1}{4}x^3y^2 - 13x^3y^4\right) - \left(1\frac{1}{2}x^3y^2 - \frac{1}{9}x^3y^4 - 1\frac{7}{11}y^4\right) - \left(7\frac{1}{7}x^3y^2 - 1\frac{7}{8}y^4 + \frac{2}{5}x^3y^4\right) - 13\frac{13}{45}y^4x^3 - 6\frac{11}{28}y^2x^3 + 3\frac{4}{8}$$

$$682) \left(5\frac{1}{4}a^2 - \frac{1}{3}a^3b\right) - \left(\frac{5}{11}a^3b + \frac{2}{11}a^2 + 1\frac{3}{4}\right) - \left(3\frac{3}{5}a^2 + 2\frac{1}{12}ab^2 + a^3b\right) - 1\frac{26}{33}a^3b - 2\frac{1}{12}ab^2 + 1\frac{103}{220}a^2 - 1\frac{3}{4}$$

$$683) \left(\frac{4}{9}x^3y + \frac{1}{9}x^3y^2\right) - \left(1\frac{5}{8}x^3y^2 + \frac{11}{13}x^3y + \frac{6}{7}x^2y^4\right) - \left(1\frac{1}{10}x^2y^4 - 1\frac{5}{6}x^3y^2 + 4\frac{1}{6}x^3y\right) - 1\frac{67}{70}x^2y^4 + \frac{23}{72}x^3y^2 - 4\frac{133}{234}$$

$$684) \left(6\frac{2}{9}xy^2 + \frac{1}{4}xy^4\right) - \left(1\frac{1}{14}xy^2 - 8\frac{1}{5}x^4y^3 + \frac{1}{5}xy^4\right) - \left(7\frac{2}{11}xy^2 + 7\frac{1}{10}x^4y^3 + 1\frac{5}{8}xy^4\right) - 1\frac{1}{10}x^4y^3 - 1\frac{23}{40}xy^4 - 2\frac{43}{138}$$

$$685) \left(1\frac{1}{7}a^2b - 1\frac{1}{4}a^4b^4\right) - \left(1\frac{4}{13} + \frac{1}{7}a^2b + 6\frac{5}{14}a^4b^4\right) - \left(6\frac{1}{2}a^4b^4 + \frac{3}{10} + \frac{4}{13}a^2b\right) - 14\frac{3}{28}a^4b^4 + \frac{9}{13}a^2b - 1\frac{79}{130}$$

$$686) \left(6\frac{1}{4}x^4y^2 - 2y^2\right) - \left(2x^2 - \frac{1}{5}x^3y^3 + 1\frac{1}{6}xy^3\right) - \left(1\frac{2}{7}x^3y^3 - \frac{7}{8}xy^3 - \frac{1}{3}x^2\right) - 6\frac{1}{4}y^2x^4 - 1\frac{3}{35}x^3y^3 - \frac{7}{24}xy^3 - 2y^2 - 1$$

$$687) \left(\frac{1}{2}xy + 1\frac{9}{13}x^3y^2\right) - \left(\frac{1}{7}x^3y^2 + 4\frac{1}{4}xy - 1\frac{1}{2}y^3\right) - \left(\frac{1}{2}y^3 + 3\frac{1}{12}x^3y^2 + \frac{10}{11}xy\right) - 1\frac{583}{1092}y^2x^3 + y^3 - 4\frac{29}{44}yx$$

$$688) \left(2y^3 + \frac{5}{12}x^2y^2\right) - \left(\frac{7}{10}x^2y + 3\frac{5}{9}x^2y^2 + 11x^2\right) - \left(1\frac{1}{10}y^3 - 9\frac{3}{13}x^2 + 1\frac{5}{6}x^2y^2\right) - 4\frac{35}{36}y^2x^2 + \frac{9}{10}y^3 - \frac{7}{10}x^2y - 1\frac{1}{10}$$

$$689) \left(3\frac{2}{5}n^4 + 3\frac{5}{11}mn^4\right) - \left(2\frac{11}{12}mn^4 + 1\frac{6}{7}mn^2 + 1\frac{4}{13}m^2\right) - \left(\frac{3}{4}mn^2 + 6\frac{3}{4}mn^4 + \frac{1}{7}m^2\right) - 6\frac{7}{33}n^4m + 3\frac{2}{5}n^4 - 2\frac{17}{28}mn^2$$

$$690) \left(4\frac{1}{6}v + 7\frac{5}{6}v^3\right) - \left(\frac{7}{8}v^3 - 3v - 1\frac{1}{7}u^3v\right) - \left(\frac{1}{9}u^4 - \frac{3}{5}v^3 + 3\frac{1}{2}u^3v\right) - 2\frac{5}{14}vu^3 - \frac{1}{9}u^4 + 7\frac{67}{120}v^3 + 7\frac{1}{6}v$$

$$691) \left(6\frac{2}{11}uv + 1\frac{1}{14}uv^3\right) - \left(1\frac{7}{12}u^3v + 6\frac{3}{10}u^2v + 4\frac{9}{14}u\right) - \left(1\frac{6}{13}uv^3 + 1\frac{7}{10}u^3v + 7\frac{7}{10}uv\right) - \frac{71}{182}uv^3 - 3\frac{17}{60}u^3v - 6\frac{3}{10}uv$$

$$692) \left(4\frac{3}{4}a^3 - 2b^4\right) - \left(6\frac{8}{13}b^4 - 1\frac{1}{2}ab - 1\frac{9}{11}a^3\right) - \left(2a^3 + 2\frac{1}{3}b^4 + 8\frac{3}{14}ab\right) - 10\frac{37}{39}b^4 + 4\frac{25}{44}a^3 - 6\frac{5}{7}ba$$

$$693) \left(\frac{7}{12}xy + y^4\right) - \left(7\frac{9}{14}xy + 6xy^3 + 1\frac{3}{4}y^4\right) - \left(4\frac{2}{3}xy^3 + 4\frac{2}{3}xy - \frac{3}{4}y^4\right) - 10\frac{2}{3}y^3x - 11\frac{61}{84}yx$$

$$694) \left(1\frac{2}{5}y^3 - 13\frac{8}{13}x^4\right) - \left(2y^3 + 1\frac{9}{13}x^4 + 7\frac{3}{10}y^2\right) - \left(\frac{1}{10}y^2 - \frac{9}{10}x^4 - 3\frac{2}{3}y^3\right) - 14\frac{53}{130}x^4 + 3\frac{1}{15}y^3 - 7\frac{2}{5}y^2$$

$$695) \left(1\frac{1}{3}xy^3 + 5\frac{1}{3}y^3\right) - \left(2\frac{2}{3}x^3 - 2\frac{3}{4}x^4y^4 + 2\frac{3}{14}y^3\right) - \left(2\frac{1}{4}x^3y + 1\frac{7}{10}xy^3 + 7\frac{1}{8}y^3\right) - 2\frac{3}{4}x^4y^4 - \frac{11}{30}y^3x - 2\frac{1}{4}yx^3 - 4\frac{1}{10}y^3$$

$$696) \left(4m^4n^2 - 1\frac{2}{7}n^3\right) - \left(1\frac{1}{2}m^4 - 1\frac{3}{5}n^3 + 7\frac{6}{11}m^4n^2\right) - \left(1\frac{1}{8}m^4 + 5n^3 - 7\frac{1}{2}m^4n^4\right) - 7\frac{1}{2}m^4n^4 - 3\frac{6}{11}n^2m^4 - 2\frac{5}{8}m^4 - 4\frac{1}{11}n^3$$

$$697) \left(7\frac{8}{9}m^2n^3 - 1\frac{4}{9}mn\right) - \left(1\frac{1}{11}m^2n^3 + \frac{2}{5}m^4n^4 + 1\frac{11}{12}mn\right) - \left(2\frac{1}{2}mn + 6\frac{5}{6}m^2n^3 + 9m^4n^4\right) - 9\frac{2}{5}m^4n^4 - \frac{7}{198}m^2n^3 - \frac{1}{12}mn$$

$$698) \left(6\frac{11}{12}x^4y^3 + 2\frac{1}{6}x^3y\right) - \left(3 + 2x^4y^3 + 3\frac{1}{7}x^4\right) - \left(\frac{2}{3} + 2\frac{8}{11}x^3y + \frac{4}{5}x^4\right) - 4\frac{11}{12}x^4y^3 - \frac{37}{66}x^3y - 3\frac{33}{35}x^4 - 3\frac{2}{3}$$

$$699) \left(6\frac{2}{9}u^3v^3 - 1\frac{1}{2}\right) - \left(1\frac{1}{4}u^3v + 1\frac{8}{13}u^4v^2 - 1\frac{1}{2}\right) - \left(1\frac{1}{4}u^3v^3 + 6\frac{3}{4}u^4v^2 - 3\frac{2}{3}u^3v\right) - 4\frac{35}{36}u^3v^3 - 8\frac{19}{52}u^4v^2 + 2\frac{5}{12}u^3v$$

$$700) \left(2mn^2 + \frac{3}{7}n\right) - \left(7\frac{1}{8}m^2n^2 + 6\frac{1}{2}n + 5\frac{4}{7}mn^2\right) - \left(\frac{1}{6}m^2n^3 - 2mn^2 + 7\frac{5}{12}n\right) - \frac{1}{6}n^3m^2 - 7\frac{1}{8}n^2m^2 - 1\frac{4}{7}n^2m - 13\frac{41}{84}n$$

$$701) \left(\frac{3}{14}y^2 + 1\frac{1}{6}x^4y^4\right) - \left(\frac{7}{8}y^2 + 1\frac{9}{13}x^2 + 9\frac{2}{5}x^4y^4\right) + \left(1\frac{1}{10}x^2 + 1\frac{5}{9}x^4y^4 + 3\frac{8}{11}y^2\right) - 6\frac{61}{90}y^4x^4 + 3\frac{41}{616}y^2 - \frac{77}{130}x^2$$

$$702) \left( 3\frac{3}{10}u^3v^2 + \frac{10}{19}uv^2 \right) - \left( \frac{2}{7}u^2v^4 - 1\frac{3}{8}uv^2 + 5\frac{5}{12}u^3v^2 \right) - \left( 1\frac{2}{11}u^2v^4 + 3\frac{4}{11}u^3v^2 + 19uv^2 \right) \quad -1\frac{36}{77}u^2v^4 - 5\frac{317}{660}u^3v^2$$

$$703) \left( 10\frac{5}{6}a^2b^2 - b^4 \right) + \left( 15a^2b^2 + 1\frac{9}{13}a^2b - 1\frac{2}{3}b^4 \right) + \left( \frac{1}{4}b^4 + 1\frac{3}{13}a^2b + 5\frac{1}{5}a^2b^2 \right) \quad -2\frac{5}{12}b^4 + 31\frac{1}{30}b^2a^2 + 2\frac{12}{13}ba^2$$

$$704) \left( 1\frac{15}{16}x^3y^3 + 1\frac{7}{12}x^3y^4 \right) + \left( \frac{3}{4}x^3y^3 - x^3y^4 + 4\frac{9}{10}x \right) + \left( 1\frac{11}{13}x^3y^3 + 9\frac{3}{4}x + 6\frac{7}{16}x^3y^4 \right) \quad 7\frac{1}{48}x^3y^4 + 4\frac{111}{208}x^3y^3 + 14$$

$$705) \left( 5\frac{5}{8}y^4 - 1\frac{8}{11}xy^3 \right) + \left( 6\frac{1}{5}y^4 + \frac{1}{2}xy^3 + \frac{4}{7}x^4y \right) - \left( 8\frac{12}{19} + \frac{8}{19}y^4 + 8\frac{2}{19}x^4y \right) \quad -7\frac{71}{133}yx^4 - 1\frac{5}{22}y^3x + 11\frac{307}{760}y^4 - 8$$

$$706) \left( 18x^4y^2 + 8\frac{1}{13}x^2y^2 \right) - \left( 10x^2y^2 - 2\frac{1}{8}x - x^3y \right) - \left( 8\frac{2}{15}x^4y^2 - 2\frac{1}{6}x - 1\frac{1}{11}x^2y^2 \right) \quad 9\frac{13}{15}x^4y^2 - \frac{119}{143}x^2y^2 + x^3y + 4$$

$$707) \left( 7\frac{9}{19}n^3 - 10mn^4 \right) + \left( 8\frac{1}{6}mn^4 - 1\frac{1}{2}n + 5\frac{1}{2}n^3 \right) - \left( 6\frac{7}{12}n^3 - 1\frac{2}{15}n + 1\frac{1}{6}n^2 \right) \quad -1\frac{5}{6}n^4m + 6\frac{89}{228}n^3 - 1\frac{1}{6}n^2 - \frac{11}{30}n$$

$$708) \left( 15x^4y^4 + 20\frac{1}{4}xy \right) + \left( \frac{17}{18}xy^3 - 1\frac{1}{2} - 1\frac{4}{9}x^4y^4 \right) + \left( 1\frac{1}{11} + 4\frac{1}{6}xy + 3\frac{3}{16}xy^3 \right) \quad 13\frac{5}{9}x^4y^4 + 4\frac{19}{144}xy^3 + 24\frac{5}{12}xy - \frac{9}{2}$$

$$709) \left( 10ab^4 - 1\frac{5}{18}a^3b \right) - \left( 4\frac{6}{7}a^4b + \frac{7}{10}a^3b - \frac{9}{14}a^3b^3 \right) - \left( 20a^4b + \frac{11}{17}a^4 + 10\frac{5}{6}ab^4 \right) \quad \frac{9}{14}a^3b^3 - 24\frac{6}{7}a^4b - \frac{5}{6}ab^4 - 1$$

$$710) \left( 2\frac{7}{8}x^4y^2 + 2\frac{4}{5}x^2y^4 \right) + \left( 6\frac{1}{12}x^2y^3 + 2\frac{1}{4}x^2y^4 + 6\frac{5}{6}y \right) + \left( 2x^2y^4 - \frac{12}{13}x^4y^2 + 12x^2y^3 \right) \quad 1\frac{99}{104}y^2x^4 + 7\frac{1}{20}y^4x^2 + 18$$

$$711) \left( 9\frac{9}{11}a^4b^4 - \frac{4}{19}a \right) + \left( 3\frac{4}{15}a^2b^3 + 3\frac{1}{2}a^4b^4 - 2\frac{3}{17}a \right) - \left( 8\frac{7}{20}b^4 + 1\frac{3}{4}a^2b^3 - \frac{6}{7}a^4b \right) \quad 13\frac{7}{22}a^4b^4 + 1\frac{31}{60}a^2b^3 + \frac{6}{7}ba$$

$$712) \left( 5\frac{1}{3}x^4y^4 - xy^4 \right) + \left( 5xy - \frac{2}{7}x^4y^4 - 2xy^4 \right) - \left( 1\frac{3}{8}xy^4 + \frac{4}{7}x^3y^2 + 10\frac{3}{10}x^4y^4 \right) \quad -5\frac{53}{210}x^4y^4 - 4\frac{3}{8}xy^4 - \frac{4}{7}x^3y^2 + 5xy$$

$$713) \left( 1\frac{1}{2}n - 3\frac{5}{6}m^3n^2 \right) + \left( \frac{2}{3}n + 7\frac{4}{5}m^3n^2 + 1\frac{1}{4} \right) - \left( \frac{1}{6} + 3\frac{5}{14}n - 1\frac{5}{8}m^3n^2 \right) \quad 5\frac{71}{120}n^2m^3 - 1\frac{4}{21}n + 1\frac{1}{12}$$

$$714) \left( 3\frac{4}{17}y^3 + 5\frac{2}{3}x^2y^3 \right) - \left( 3\frac{1}{3}x^2y^3 + 1\frac{1}{4}y^3 - 1\frac{6}{19}xy^3 \right) + \left( y^3 + 1\frac{2}{5}x^2y^3 + 1\frac{11}{20}xy^3 \right) \quad 3\frac{11}{15}y^3x^2 + 2\frac{329}{380}y^3x + 2\frac{67}{68}y^3$$

$$715) \left(8\frac{5}{13}x^3y^3 + \frac{15}{16}xy^3\right) + \left(10\frac{7}{20}x^3y^3 + \frac{4}{5}xy^4 + 1\frac{6}{19}xy^3\right) - \left(\frac{14}{15}x^3y^3 + 10\frac{9}{14}xy^4 - 1\frac{14}{15}xy^3\right) \quad 17\frac{125}{156}x^3y^3 - 9\frac{59}{70}xy^4$$

$$716) \left(1\frac{6}{11}u + \frac{10}{13}\right) + \left(1\frac{11}{17}u^4v^3 + 1 + 1\frac{1}{4}u^4v^2\right) - \left(4\frac{2}{3} + 2u^4v^2 - \frac{4}{5}u\right) \quad 1\frac{11}{17}u^4v^3 - \frac{3}{4}u^4v^2 + 2\frac{19}{55}u - 2\frac{35}{39}$$

$$717) \left(\frac{1}{4}m^3n^3 + \frac{2}{3}m^4n^2\right) + \left(6\frac{3}{10}m^4n^2 - 2\frac{8}{13}m^2n^3 + 6\frac{9}{17}m^3n^4\right) - \left(3\frac{8}{15}m^4n^2 + 5m^3n^4 + 9\frac{15}{19}m^3n^3\right) \quad 1\frac{9}{17}m^3n^4 + 3\frac{1}{3}m^4n^2$$

$$718) \left(14x^3y^3 + 1\frac{1}{20}x^3y^2\right) + \left(\frac{9}{17}x^3y^2 + 1\frac{10}{17}x^3y^3 + 1\frac{1}{2}x^4y^2\right) + \left(9\frac{2}{19}x^3y^4 - 1\frac{5}{18}x^4y^2 + 7\frac{2}{3}x^3y^2\right) \quad 9\frac{2}{19}x^3y^4 + \frac{2}{9}x^4y^2$$

$$719) \left(1\frac{2}{19}u^2 + 9\frac{1}{6}u^2v^4\right) - \left(9\frac{1}{12}u^3 - 1\frac{1}{3}uv^2 + 3\frac{1}{10}u^2v^4\right) + \left(3\frac{7}{19}uv^2 - 2\frac{17}{20}u^2v^4 - \frac{2}{7}u^2\right) \quad 3\frac{13}{60}u^2v^4 - 9\frac{1}{12}u^3 + 4\frac{40}{57}uv^2$$

$$720) \left(2\frac{1}{9}x^4y^2 - 2xy^3\right) + \left(1\frac{1}{2}x^4y^2 - 1\frac{8}{19}x^2y^2 + \frac{11}{18}x^2\right) - \left(1\frac{2}{3}xy^3 + 4\frac{2}{5}x^2 + 8x^2y^2\right) \quad 3\frac{11}{18}x^4y^2 - 3\frac{2}{3}xy^3 - 9\frac{8}{19}x^2y^2 - 4\frac{2}{5}x^2$$

$$721) \left(\frac{1}{6}y^2 + 1\frac{1}{3}x^3\right) - \left(9\frac{11}{12}x^3 + \frac{1}{4}xy + 2\frac{8}{19}y^2\right) - \left(1\frac{3}{8}x^3 - \frac{3}{5}xy - 1\frac{9}{17}x\right) \quad -9\frac{23}{24}x^3 - 2\frac{29}{114}y^2 + \frac{7}{20}xy + 1\frac{9}{17}x$$

$$722) \left(\frac{5}{6}x^2y^3 + 1\frac{2}{5}y\right) - \left(\frac{1}{10}x^4y^3 + 10\frac{1}{8}x^2y^3 + 5\frac{4}{9}x^4y\right) - \left(x^2y^3 + \frac{4}{5}x^4y + 2y\right) \quad -\frac{1}{10}y^3x^4 - 10\frac{7}{24}y^3x^2 - 6\frac{11}{45}yx^4 - \frac{3}{5}y$$

$$723) \left(\frac{1}{6}a^2b + 3\frac{1}{6}b^2\right) + \left(1\frac{7}{17}a^2 + 1\frac{6}{7}a^3b^4 + 2b^2\right) - \left(7\frac{4}{5}a^2 + 1\frac{15}{19}a^3b^4 - 1\frac{5}{14}b^2\right) \quad \frac{9}{133}a^3b^4 + \frac{1}{6}ba^2 - 6\frac{33}{85}a^2 + 6\frac{11}{21}b^2$$

$$724) \left(1\frac{1}{3}xy - 1\frac{7}{16}\right) - \left(4\frac{1}{2} + 8\frac{7}{16}x^3 + 6\frac{8}{11}xy\right) + \left(\frac{1}{13}x^3 - 2\frac{5}{14}xy - 3\frac{7}{20}\right) \quad -8\frac{75}{208}x^3 - 7\frac{347}{462}xy - 9\frac{23}{80}$$

$$725) \left(10\frac{5}{14}x^2y + 8\frac{15}{16}x^4y^2\right) + \left(2x^2y + \frac{5}{6}y^2 + \frac{1}{6}x^4y^2\right) + \left(11\frac{7}{13}x^4y^2 - \frac{2}{5}y^2 + 1\frac{10}{17}x^2y\right) \quad 20\frac{401}{624}y^2x^4 + 13\frac{225}{238}yx^2 + \frac{1}{3}y^2$$

$$726) \left(4\frac{9}{10}uv - 2u^2v^3\right) + \left(9\frac{1}{4}uv - 2u^2v^3 - 2\frac{9}{13}u^4v^2\right) - \left(6\frac{5}{12}uv + 6\frac{9}{13}u^4v^2 + 2\frac{9}{16}u^2v^3\right) \quad -9\frac{5}{13}u^4v^2 - 6\frac{9}{16}u^2v^3 + 7\frac{1}{4}uv$$

$$727) \left(\frac{1}{2}x^4y^2 - 1\frac{3}{5}x\right) + \left(4\frac{13}{18}xy^2 - 2\frac{16}{19}x^4y^2 + \frac{7}{10}x\right) + \left(1\frac{8}{9}x^4y^2 - 1\frac{8}{9}x + 8\frac{11}{12}xy^2\right) \quad -\frac{155}{342}x^4y^2 + 13\frac{23}{36}xy^2 - 2\frac{71}{90}x$$

$$728) \left( \frac{13}{20}m^2n^2 + 10\frac{1}{4}m^4n^2 \right) + \left( 1\frac{4}{9}m^2n^4 + 10\frac{1}{4}n^3 - \frac{11}{13}m^2 \right) - \left( 1\frac{11}{20}m^2n^2 + \frac{1}{9}n^3 + 9\frac{2}{5}m^2n^4 \right) \quad 10\frac{1}{4}m^4n^2 - 7\frac{43}{45}n^4m^2$$

$$729) \left( 5x^2y^3 + 4\frac{1}{3}x^2y \right) - \left( \frac{1}{2} - 8x^3y^3 - 2\frac{1}{4}x^2y \right) + \left( 6\frac{7}{8}x^2y - \frac{2}{5}x^2y^3 + 10\frac{13}{20}x^3y^3 \right) \quad 18\frac{13}{20}x^3y^3 + 4\frac{3}{5}x^2y^3 + 13\frac{11}{24}x^2y$$

$$730) \left( 10\frac{11}{18}y^3 - 1\frac{9}{11}y \right) - \left( \frac{1}{2}x^3y^3 + 5\frac{16}{17}x^2y + \frac{10}{13}y^3 \right) + \left( 1\frac{5}{13}y^3 - 1\frac{4}{7}y + 9\frac{11}{20}x^2y \right) \quad -\frac{1}{2}y^3x^3 + 11\frac{53}{234}y^3 + 3\frac{207}{340}yx^2$$

$$731) \left( 6\frac{5}{12}u^2v^4 - 17uv \right) + \left( 1\frac{17}{18}u^2v^4 - 2uv^2 - 1\frac{5}{6}u^4v^4 \right) - \left( 1\frac{11}{12}u^2v^4 + \frac{1}{2}u^4v^4 + 2\frac{5}{6}uv \right) \quad -2\frac{1}{3}u^4v^4 + 6\frac{4}{9}u^2v^4 - 2uv^2$$

$$732) \left( 1\frac{3}{4}xy^2 - 1\frac{2}{15}x^2y^2 \right) - \left( 14\frac{1}{4}y^2 + \frac{9}{13}x^2 - 1\frac{1}{2}x^2y^2 \right) + \left( 1\frac{3}{14}xy^2 + 6\frac{5}{13}y^4 + 2\frac{1}{12}x^2 \right) \quad \frac{11}{30}x^2y^2 + 6\frac{5}{13}y^4 + 2\frac{27}{28}xy^2$$

$$733) \left( 1\frac{17}{18}a^3b + 1\frac{9}{17}a^4b^3 \right) + \left( 9\frac{5}{9}b^3 + 8a^4b^3 + 8\frac{3}{4}a^3b \right) + \left( 3a^4b^3 + \frac{5}{7}b^3 + 2a^3b \right) \quad 12\frac{9}{17}b^3a^4 + 12\frac{25}{36}ba^3 + 10\frac{17}{63}b^3$$

$$734) \left( 6\frac{1}{2}x^2y^4 - 1\frac{13}{16}xy^4 \right) - \left( \frac{10}{13}xy^4 - 2\frac{8}{11}y^3 + x^2y^4 \right) - \left( \frac{3}{8}xy^4 + 1\frac{2}{11}x^2y^4 + 9\frac{7}{8}y^3 \right) \quad 4\frac{7}{22}y^4x^2 - 2\frac{199}{208}y^4x - 7\frac{13}{88}y^3$$

$$735) \left( \frac{9}{20}m^4 - 2\frac{2}{15}m^4n^3 \right) + \left( 7\frac{2}{15}m^4n^4 - 1\frac{12}{13}n^2 - 1\frac{8}{15}m^4 \right) + \left( 1\frac{10}{13}n^2 - \frac{3}{20}m^4n^4 + 5\frac{19}{20}m^4 \right) \quad 6\frac{59}{60}n^4m^4 - 2\frac{2}{15}m^4n^3$$

$$736) \left( 12a^3b^4 - 1\frac{2}{11}a^2b^3 \right) - \left( 1\frac{12}{17}b^4 - 2a^3b^4 - 3\frac{14}{15}a^2b^3 \right) - \left( 1\frac{13}{15}a^3b^4 + 1\frac{6}{7}b^4 - 1\frac{4}{11}a^2b^3 \right) \quad 12\frac{2}{15}b^4a^3 + 4\frac{19}{165}b^3a$$

$$737) \left( 3\frac{2}{5}y^4 + \frac{3}{7}x^4 \right) + \left( 9\frac{7}{12}x^3y^3 + 1\frac{1}{17}x^4 + 2\frac{6}{7}y^4 \right) - \left( 15x^4 - 3\frac{7}{18}x^3y^3 + 9\frac{1}{5}y^4 \right) \quad 12\frac{35}{36}x^3y^3 - 13\frac{61}{119}x^4 - 2\frac{33}{35}y^4$$

$$738) \left( 1\frac{1}{4}x^2y^3 - 1\frac{7}{15}x^4 \right) + \left( 1\frac{16}{19}x - 1\frac{11}{12}x^2y^3 + \frac{7}{17}x^4 \right) + \left( 10\frac{7}{10}x + \frac{2}{7} - 1\frac{18}{19}x^2y^3 \right) \quad -2\frac{35}{57}x^2y^3 - 1\frac{14}{255}x^4 + 12\frac{103}{190}x$$

$$739) \left( 2\frac{17}{18}x^4y^2 - 1\frac{7}{9}x^3y^3 \right) - \left( 1\frac{5}{9}y^4 + 5\frac{5}{14}x^4y^2 + 1\frac{5}{14}y \right) - \left( \frac{3}{17}y^4 + 2\frac{5}{7}x^3y^3 + \frac{1}{3}x \right) \quad -2\frac{26}{63}y^2x^4 - 4\frac{31}{63}y^3x^3 - 1\frac{112}{153}x$$

$$740) \left( \frac{1}{3}xy^4 + 1\frac{10}{17}x^2y^3 \right) - \left( 10\frac{9}{14}x^2y^3 - 17x^3y - \frac{5}{6}xy^4 \right) + \left( 5\frac{2}{11}x^3y + \frac{1}{14}x^2y^3 + \frac{9}{13}xy^4 \right) \quad 1\frac{67}{78}xy^4 - 8\frac{117}{119}x^2y^3 + 22$$

$$741) \left(u^3v^4 - 2\frac{1}{15}u^4v\right) + \left(\frac{10}{13}u^3v^4 + 1\frac{7}{15} - 1\frac{7}{15}u^3v\right) + \left(1\frac{4}{5}u^3v^4 + 1\frac{1}{2} + 3u^3v\right) \quad 3\frac{37}{65}u^3v^4 - 2\frac{1}{15}u^4v + 1\frac{8}{15}u^3v + 2\frac{29}{30}$$

$$742) \left(\frac{8}{9}m^4n^4 + 2m^2\right) - \left(1\frac{1}{8}m^4n^4 + 3\frac{13}{15}m^2 + 1\frac{5}{9}n^2\right) - \left(\frac{1}{2}n^2 + \frac{7}{9}m^2n^3 - 1\frac{1}{8}m^4n^4\right) \quad \frac{8}{9}m^4n^4 - \frac{7}{9}n^3m^2 - 2\frac{1}{18}n^2 - 1\frac{13}{15}$$

$$743) \left(\frac{7}{16}a - 1\frac{1}{4}b^2\right) + \left(5\frac{9}{14}b^2 + 5\frac{1}{16}a + 20a^2b\right) - \left(\frac{8}{11}b^2 - 1\frac{4}{7}a^2b - \frac{1}{3}a\right) \quad 21\frac{4}{7}a^2b + 3\frac{205}{308}b^2 + 5\frac{5}{6}a$$

$$744) \left(1\frac{1}{6}y^4 - 2\frac{15}{19}x^2y^2\right) - \left(7\frac{1}{8}x^3y^3 + 1\frac{2}{17}y^4 - 3\frac{3}{13}x\right) - \left(1\frac{7}{20}x^3 - \frac{2}{3}x + \frac{5}{11}y^4\right) \quad -7\frac{1}{8}y^3x^3 - 2\frac{15}{19}y^2x^2 - \frac{455}{1122}y^4 -$$

$$745) (13x^4y^4 + x^2y^3) - \left(1\frac{2}{5}x^3y + \frac{5}{6}xy^4 - 1\frac{1}{12}x^4y^4\right) + \left(1\frac{1}{12}x^2y^3 + 7\frac{3}{20}x^4y^3 - \frac{13}{16}x^3y\right) \quad 14\frac{1}{12}x^4y^4 + 7\frac{3}{20}x^4y^3 - \frac{5}{6}x^3y$$

$$746) \left(9\frac{5}{6}x^2 - 1\frac{3}{11}x^3y\right) - \left(6\frac{5}{7}x^4y^3 + \frac{6}{11}x^2 + \frac{7}{8}x^3y\right) + \left(5\frac{3}{10}x^3y - 1\frac{15}{16}x^4y^3 - 1\frac{5}{7}x^2\right) \quad -8\frac{73}{112}x^4y^3 + 3\frac{67}{440}x^3y + 7\frac{26}{46}$$

$$747) \left(\frac{2}{7}a^3b^2 + 1\frac{1}{2}a\right) + \left(7\frac{1}{4}a^2b - 2\frac{2}{11}a + 7\frac{16}{19}a^3b\right) + \left(1\frac{2}{5}a^3b^2 + \frac{11}{16}a + 9\frac{3}{4}a^2b\right) \quad 1\frac{24}{35}a^3b^2 + 7\frac{16}{19}a^3b + 17a^2b + \frac{1}{176}a$$

$$748) \left(9\frac{10}{11}m^2n - 20mn^2\right) + \left(2n^2 - \frac{5}{6}mn^2 + m^2n\right) - \left(4\frac{4}{9}m^2n - 2\frac{11}{14}n^2 - 1\frac{3}{10}mn^2\right) \quad -19\frac{8}{15}n^2m + 6\frac{46}{99}nm^2 + 4\frac{11}{14}n^2$$

$$749) \left(5\frac{1}{2}xy - 13x^3y^2\right) - \left(x^3y^2 + 5\frac{9}{14}x^2y^4 + \frac{2}{7}xy\right) - \left(8\frac{2}{5}x^3y^2 + x^2y^4 - xy\right) \quad -6\frac{9}{14}x^2y^4 - 22\frac{2}{5}x^3y^2 + 6\frac{3}{14}xy$$

$$750) \left(3\frac{1}{4}x^4y^2 + 11x^2y^4\right) + \left(1\frac{7}{9}x^3y^3 + 1\frac{13}{17}x^2 + 6\frac{7}{9}x^4y^2\right) - \left(1\frac{1}{12}x^2y^4 + \frac{8}{13}x^2 - 1\frac{2}{3}x^4y^2\right) \quad 9\frac{11}{12}x^2y^4 + 11\frac{25}{36}x^4y^2 +$$

$$751) \left(1\frac{3}{14}y + 2xy\right) + \left(1\frac{3}{11}y^2 - 1\frac{3}{4}y - \frac{6}{13}xy\right) + \left(\frac{1}{3}y - y^2 - 5xy^2\right) \quad -5y^2x + \frac{3}{11}y^2 + 1\frac{7}{13}yx - \frac{17}{84}y$$

$$752) \left(4\frac{3}{13}b^2 + 7\frac{9}{10}\right) - \left(10\frac{3}{4} - \frac{11}{18}b^2 + \frac{7}{10}a^3b^4\right) + \left(1\frac{5}{19}a^3b^4 + 4\frac{3}{7}b^2 + \frac{2}{9}b\right) \quad \frac{107}{190}a^3b^4 + 9\frac{443}{1638}b^2 + \frac{2}{9}b - 2\frac{17}{20}$$

$$753) \left(1\frac{1}{3}x^3y^3 + \frac{3}{14}x^3y^4\right) - \left(\frac{10}{11}x^3y^2 - \frac{3}{7}x^3y^4 + 6x^3y^3\right) - \left(\frac{1}{2}y^2 + 1\frac{7}{13}x^3y^3 + 13x^3y^4\right) \quad -12\frac{5}{14}y^4x^3 - 6\frac{8}{39}y^3x^3 - \frac{10}{11}y^2$$

$$754) \left( \frac{3}{5}u^2v - 1\frac{3}{5}u^3v^4 \right) + \left( 7\frac{3}{5}u + 6\frac{3}{4}uv + 8\frac{7}{15}u^3v^4 \right) + \left( 6\frac{7}{10}uv + 1\frac{4}{5}u^3v^4 + 6\frac{12}{17}u^2v \right) \quad 8\frac{2}{3}u^3v^4 + 7\frac{26}{85}u^2v + 13\frac{9}{20}uv$$

$$755) \left( 1\frac{4}{7} - 9a^4b^4 \right) + \left( 5\frac{9}{20} + 10\frac{9}{16}a^4b^3 - 1\frac{1}{6}a^4b^4 \right) - \left( 2\frac{7}{9} + 7\frac{15}{17}a^4b^4 + \frac{1}{2}a^4b^3 \right) \quad -18\frac{5}{102}a^4b^4 + 10\frac{1}{16}a^4b^3 + 4\frac{307}{126}$$

$$756) \left( \frac{11}{19}x + 10\frac{5}{7}x^4y^2 \right) - \left( 6\frac{1}{2}x^4y^2 + \frac{9}{14}x - 1\frac{6}{7}x^2y^3 \right) - \left( \frac{6}{7}x^2y^3 - \frac{5}{14}x^4y^2 - \frac{13}{18}x \right) \quad 4\frac{4}{7}x^4y^2 + x^2y^3 + \frac{788}{1197}x$$

$$757) \left( 1\frac{2}{3}y^3 + 2\frac{3}{8}xy^4 \right) - \left( 1\frac{1}{16}y^3 + 1\frac{11}{12}xy^4 + \frac{2}{3}x^2y^3 \right) + \left( 7\frac{1}{3}x^2y^3 - 2\frac{13}{20}y^3 + 6\frac{7}{10}xy^4 \right) \quad 7\frac{19}{120}y^4x + 6\frac{2}{3}y^3x^2 - 2\frac{11}{240}$$

$$758) \left( 7\frac{3}{14}x^2y^4 - 1\frac{5}{16}x^3 \right) - \left( 1\frac{5}{6}x^3 + \frac{1}{3}x^2y^4 + 10\frac{3}{20}y \right) - \left( \frac{3}{10}x^3 + 1\frac{7}{9}x^2y^4 - \frac{1}{4}y \right) \quad 5\frac{13}{126}x^2y^4 - 3\frac{107}{240}x^3 - 9\frac{9}{10}y$$

$$759) \left( 4\frac{1}{19}x^2y^2 + \frac{5}{6}xy^3 \right) - \left( 7\frac{13}{15}y^3 - \frac{1}{4}x^2y^2 + 3\frac{7}{15}xy^2 \right) + \left( \frac{5}{12}x^2y^3 + 2x^2y^2 + 7\frac{3}{16}xy^2 \right) \quad \frac{5}{12}y^3x^2 + \frac{5}{6}y^3x + 6\frac{23}{76}y^2x^2$$

$$760) \left( 1\frac{5}{17}u^3v^4 + 9\frac{1}{2}v^3 \right) + \left( 1\frac{1}{2}v^3 - 1\frac{7}{8}u^3v^4 - \frac{2}{3}u^4v^3 \right) + \left( 3\frac{3}{4}u^3v^4 + 5\frac{1}{3}v^3 + 4\frac{5}{11}u^4v^3 \right) \quad 3\frac{23}{136}v^4u^3 + 3\frac{26}{33}v^3u^4 + 16$$

$$761) \left( 9\frac{4}{9}x + 10\frac{3}{4}x^3y \right) - \left( \frac{4}{13}x + 1\frac{1}{2}x^3y + 1\frac{1}{13}x^4 \right) + \left( \frac{6}{11}x^4 - \frac{12}{17}x^3y - 1\frac{1}{2}x \right) \quad 8\frac{37}{68}x^3y - \frac{76}{143}x^4 + 7\frac{149}{234}x$$

$$762) \left( 9\frac{3}{4}x^3y + 8\frac{1}{5}x^2 \right) + \left( \frac{19}{20}x^3y + 10\frac{2}{7}x^2 - 1\frac{9}{10}y \right) + \left( 1\frac{4}{9}y + 3\frac{1}{12}x^3y + 2x^2 \right) \quad 13\frac{47}{60}x^3y + 20\frac{17}{35}x^2 - \frac{41}{90}y$$

$$763) \left( 1\frac{3}{4}xy - 2x^4y^2 \right) - \left( 2\frac{1}{8}x^3 + 10\frac{13}{18}y^4 + 8\frac{7}{19}xy \right) + \left( \frac{1}{4}x^3 - 3\frac{3}{17}x^4y^4 - 1\frac{15}{16}xy \right) \quad -3\frac{3}{17}x^4y^4 - 2x^4y^2 - 10\frac{13}{18}y^4 - 1$$

$$764) \left( \frac{7}{19}xy^3 + \frac{7}{10}x^3y^2 \right) + \left( 3\frac{1}{5}x^4y^3 - 2xy^3 + 7\frac{6}{11}x^3y^2 \right) + \left( \frac{7}{13}xy^3 + 1\frac{1}{4}x^3y^2 + 10\frac{1}{6}x^4y^3 \right) \quad 13\frac{11}{30}x^4y^3 + 9\frac{109}{220}x^3y^2 -$$

$$765) \left( 5\frac{5}{6}mn^3 - 2\frac{5}{14}m^3n^2 \right) - \left( 1\frac{1}{4}m^3n^2 + 9\frac{9}{10}mn^3 + 5\frac{2}{15}m^3n^4 \right) + \left( \frac{1}{6}m^3n^4 + 8\frac{1}{4}m^3n^2 + 9\frac{3}{7}m^4n^4 \right) \quad 9\frac{3}{7}m^4n^4 - 4\frac{29}{30}$$

$$766) \left( \frac{8}{9} + 1\frac{16}{19}x^4y \right) + \left( 9x^4y + 1\frac{5}{8} + 9\frac{4}{9}x^3y^2 \right) + \left( 1\frac{5}{19}x^3y^2 + 2\frac{1}{12}x^3y + \frac{8}{13}y \right) \quad 10\frac{16}{19}x^4y + 10\frac{121}{171}x^3y^2 + 2\frac{1}{12}yx^3 + \frac{8}{13}y$$



$$767) \left(1\frac{2}{3}b^2 - \frac{5}{18}a^2b\right) + \left(2\frac{1}{12}a^2 + 12a^2b + 10\frac{9}{10}b^2\right) + \left(\frac{1}{3}a^2 + \frac{1}{4}b^2 + \frac{2}{3}a^2b\right) \quad 12\frac{7}{18}ba^2 + 12\frac{49}{60}b^2 + 2\frac{5}{12}a^2$$

$$768) \left(1\frac{5}{6}u^4v + 6\frac{1}{10}u^2v\right) - \left(3\frac{1}{19}u^2v + 7\frac{12}{17}u^3v^4 + 1\frac{9}{17}u^4v\right) - \left(2\frac{5}{9}u^3 + 10\frac{3}{5}u^2v - 2\frac{1}{10}uv\right) \quad -7\frac{12}{17}u^3v^4 + \frac{31}{102}u^4v - 7$$

$$769) \left(8\frac{11}{14}mn^3 + 1\frac{2}{3}m\right) - \left(1\frac{5}{7}mn^3 - 1\frac{1}{4}m^3n^4 - m\right) - \left(1\frac{1}{15}m + 1\frac{9}{10}m^2n^3 - 1\frac{3}{5}mn^3\right) \quad 1\frac{1}{4}m^3n^4 - 1\frac{9}{10}m^2n^3 + 8\frac{47}{70}mn$$

$$770) \left(9\frac{7}{10}x^3 + 1\frac{5}{8}x^2\right) + \left(\frac{5}{12}x^3 - 2\frac{5}{6}x^2y^2 + 2\frac{7}{11}x^2\right) - \left(1\frac{17}{18}x^3 - 2x^2y^2 - 1\frac{4}{5}x^2\right) \quad -\frac{5}{6}x^2y^2 + 8\frac{31}{180}x^3 + 6\frac{27}{440}x^2$$

$$771) \left(4\frac{1}{13}x^2y + 4\frac{1}{2}x\right) - \left(\frac{1}{3}x^2y + 1\frac{3}{4}xy^3 + 2\frac{2}{3}x\right) - \left(1\frac{1}{2}x + 15xy^3 + 1\frac{15}{17}x^2y\right) \quad -16\frac{3}{4}xy^3 + 1\frac{571}{663}x^2y + \frac{1}{3}x$$

$$772) \left(13\frac{1}{17}m^4n^2 - 2\frac{5}{12}m^3n^3\right) - \left(1\frac{1}{3}m^4n^2 + 3\frac{13}{18}m^3n^3 + 5\frac{1}{10}mn^2\right) + \left(\frac{3}{7}mn + 6\frac{11}{16}mn^2 - \frac{1}{2}m^3n^3\right) \quad 11\frac{37}{51}m^4n^2 - 6\frac{2}{3}$$

$$773) \left(5\frac{9}{17}u^3v^4 + 1\frac{13}{14}u^2v^2\right) - \left(2u^3v^4 - 1\frac{13}{14}u^2v^2 + \frac{4}{9}u\right) + \left(\frac{7}{8}u^3v^4 + 1\frac{4}{5}u - 13u^2v^2\right) \quad 4\frac{55}{136}u^3v^4 - 9\frac{1}{7}u^2v^2 + 1\frac{16}{45}u$$

$$774) \left(1\frac{1}{2}m^3n^2 + 3\frac{11}{12}mn^2\right) - \left(1\frac{1}{7}n^2 + 5\frac{1}{10}m^3n^2 + mn^2\right) + \left(7\frac{1}{10}n^2 + 8\frac{5}{6}mn^2 - 1\frac{8}{9}m^3n^2\right) \quad -5\frac{22}{45}n^2m^3 + 11\frac{3}{4}n^2m + 1$$

$$775) \left(1\frac{1}{2}uv^4 + 4\frac{1}{8}u^2\right) - \left(\frac{16}{17}v^3 + 7\frac{3}{10}uv^4 - 16\frac{13}{18}u^2\right) + \left(\frac{1}{3}uv^4 - 1\frac{6}{7}u^2 + 2\frac{13}{14}uv\right) \quad -5\frac{7}{15}uv^4 - \frac{16}{17}v^3 + 18\frac{499}{504}u^2 + 2$$

$$776) \left(\frac{1}{17}xy^2 + 5\frac{5}{8}y^2\right) - \left(\frac{1}{3}x^4y^2 + 9\frac{12}{13}y^2 + \frac{5}{18}xy^2\right) - \left(4\frac{11}{16}xy^2 - 1\frac{4}{9}x^4y^2 + 1\frac{18}{19}x\right) \quad 1\frac{1}{9}y^2x^4 - 4\frac{2219}{2448}y^2x - 4\frac{31}{104}y^2$$

$$777) \left(1\frac{1}{5}x^4y + 7\frac{2}{3}x^3y^3\right) - \left(1\frac{8}{11}y^2 + 1\frac{4}{9}xy^2 + 9\frac{1}{5}x\right) + \left(8\frac{5}{6}x + \frac{9}{10}xy^2 + 1\frac{5}{7}y^2\right) \quad 7\frac{2}{3}x^3y^3 + 1\frac{1}{5}x^4y - \frac{49}{90}y^2x - \frac{1}{77}y^2 -$$

$$778) \left(1\frac{3}{5}y - \frac{2}{9}xy^2\right) - \left(2x^2y^3 - \frac{7}{18}xy^2 - 1\frac{1}{5}x^2y^2\right) + \left(3\frac{1}{4}xy^2 + \frac{5}{11}x^3y^3 + \frac{1}{2}x^2y^3\right) \quad \frac{5}{11}y^3x^3 - 1\frac{1}{2}y^3x^2 + 1\frac{1}{5}y^2x^2 + 3\frac{1}{1}$$

$$779) \left(1\frac{2}{11}a^4b^4 + \frac{11}{15}a^3b^4\right) - \left(3\frac{12}{19}a^4b^4 + \frac{3}{5}a^3b^3 + 17a^4b^3\right) - \left(2a^3b^3 - 2\frac{10}{17}a^4b^4 - 2\frac{3}{10}a^2\right) \quad \frac{492}{3553}a^4b^4 + \frac{11}{15}a^3b^4 -$$

$$780) \left(1\frac{6}{7} + 1\frac{1}{6}x^2y^3\right) - \left(\frac{1}{4}y^4 + 16x^2y^3 - \frac{13}{19}\right) - \left(2\frac{5}{6} + 2x^2y^3 - 2\frac{13}{17}y^4\right) \quad -16\frac{5}{6}x^2y^3 + 2\frac{35}{68}y^4 - \frac{233}{798}$$

$$781) \left(16mn + 6\frac{2}{3}m^3n^3\right) + \left(8m^3n^4 - \frac{6}{11}m^3n^3 - mn\right) - \left(\frac{2}{3}mn - \frac{13}{19}m^3n^3 + 4\frac{9}{10}m^3n^4\right) \quad 3\frac{1}{10}m^3n^4 + 6\frac{505}{627}m^3n^3 + 14\frac{1}{3}$$

$$782) \left(1\frac{1}{10}x^4y - \frac{12}{19}y^4\right) + \left(7\frac{4}{15}x^4y + 1\frac{6}{13}y^4 - \frac{4}{5}x^4y^4\right) + \left(7\frac{1}{2}x^4y + \frac{15}{19}x^4y^4 + 1\frac{4}{19}y^4\right) \quad -\frac{1}{95}y^4x^4 + 15\frac{13}{15}yx^4 + 2\frac{10}{247}$$

$$783) \left(1\frac{1}{6}b^4 - 2\frac{4}{5}ab^3\right) - \left(4\frac{9}{14}ab^3 - \frac{5}{6}b^4 - 1\frac{9}{13}a^3b\right) - \left(\frac{1}{2}a^3b + 15\frac{1}{3}ab^3 + 1\frac{1}{16}a^2b^4\right) \quad -1\frac{1}{16}b^4a^2 - 22\frac{163}{210}b^3a + 1\frac{5}{26}$$

$$784) \left(1\frac{3}{14}xy^4 - x^2y\right) + \left(\frac{2}{5}x^4 - \frac{5}{6}xy^2 + \frac{2}{5}xy^4\right) - \left(1\frac{1}{3}y^2 + 1\frac{1}{9}x^2y + 6xy^2\right) \quad 1\frac{43}{70}xy^4 + \frac{2}{5}x^4 - 2\frac{1}{9}x^2y - 6\frac{5}{6}xy^2 - 1\frac{1}{3}y^2$$

$$785) \left(2\frac{5}{7}a^3b + 3a^4b^3\right) + \left(1\frac{15}{19}a^3b - 1\frac{1}{2}a^4b^3 - a^2\right) + \left(8\frac{7}{12}b^4 + 10\frac{4}{5}a^2 + 9\frac{13}{17}a^3b\right) \quad 1\frac{1}{2}a^4b^3 + 14\frac{607}{2261}a^3b + 8\frac{7}{12}b^4$$

$$786) \left(1\frac{13}{18}u^4v - 1\frac{6}{17}u^4v^4\right) - \left(\frac{1}{4}v^3 + 1\frac{7}{11}u^4v^4 + 8\frac{3}{7}u^3v^4\right) + \left(14u^4v + 6\frac{2}{13}v^3 - 1\frac{9}{20}u^4v^4\right) \quad -4\frac{1643}{3740}v^4u^4 - 8\frac{3}{7}v^4u^3$$

$$787) \left(1\frac{9}{11} + 7\frac{2}{7}x^2\right) - \left(\frac{2}{5}x^2y - \frac{3}{17}y^3 - 4\right) - \left(\frac{2}{17} - 3\frac{2}{3}y^3 - \frac{5}{6}x^2y\right) \quad \frac{13}{30}yx^2 + 3\frac{43}{51}y^3 + 7\frac{2}{7}x^2 + 5\frac{131}{187}$$

$$788) \left(\frac{1}{16}x^2 + x^2y^3\right) + \left(6\frac{3}{5}x^2y^4 - 2\frac{14}{19}x^4 - \frac{3}{10}x^2\right) - \left(6\frac{13}{20}x^4 - 7\frac{1}{9}x^2 - \frac{3}{8}x^2y^3\right) \quad 6\frac{3}{5}x^2y^4 + 1\frac{3}{8}x^2y^3 - 9\frac{147}{380}x^4 + 6\frac{62}{72}$$

$$789) \left(10\frac{3}{8}x^4 + 18\frac{1}{6}x^3y^4\right) - \left(6\frac{1}{9}x^2y^4 + 5\frac{5}{6}x^4 - x^2y\right) + \left(3\frac{11}{15}x^3y^4 + 7\frac{7}{10}x^2y + 9\frac{11}{18}x^4\right) \quad 21\frac{9}{10}x^3y^4 - 6\frac{1}{9}x^2y^4 + 14\frac{1}{7}$$

$$790) \left(6\frac{2}{3}x^4y^4 - \frac{6}{7}x^4\right) - \left(6\frac{13}{18}x^3y^4 + 3\frac{18}{19}x^3y - 1\frac{1}{3}x^3y^2\right) + \left(8\frac{9}{10}x^4y^4 + 7\frac{1}{18}x^3y^2 - 1\frac{3}{7}x^3y\right) \quad 15\frac{17}{30}x^4y^4 - 6\frac{13}{18}x^3y^4$$

$$791) \left(\frac{4}{5}x^2y^3 + \frac{1}{2}x^3y^3\right) - \left(2\frac{7}{10}x^2y^3 + 9\frac{1}{15}x^3 + 2x^3y^3\right) - \left(8\frac{3}{16}x^3 + 5\frac{1}{7}x^3y^3 + 1\frac{1}{3}x^2y^3\right) \quad -6\frac{9}{14}x^3y^3 - 3\frac{7}{30}x^2y^3 - 17$$

$$792) \left(9\frac{1}{2}x^4y + 8\frac{1}{6}x^4\right) + \left(10\frac{9}{11}x^4y + 5\frac{2}{9}x^4 + 9\frac{6}{7}xy^2\right) - \left(1\frac{5}{6}x^4y + 7\frac{1}{7}xy^2 + 10\frac{11}{15}x^4\right) \quad 18\frac{16}{33}x^4y + 2\frac{59}{90}x^4 + 2\frac{5}{7}xy^2$$

$$793) \left(10\frac{3}{17}x^3 + 2\frac{13}{19}\right) + \left(3\frac{16}{17}x^3 - \frac{7}{10} + 1\frac{3}{19}xy^3\right) - \left(\frac{4}{15}x^3 + 2\frac{1}{4}xy^3 + 7\frac{2}{5}\right) - 1\frac{7}{76}xy^3 + 13\frac{217}{255}x^3 - 5\frac{79}{190}$$

$$794) \left(1\frac{1}{2}ab^4 - 14\frac{1}{10}a^2b^3\right) - \left(1\frac{5}{12}a^2b^3 + 3\frac{5}{6}ab - \frac{9}{11}ab^4\right) + \left(1\frac{5}{9}ab + 8\frac{2}{3}ab^4 - 3\frac{14}{15}a^2b^3\right) 10\frac{65}{66}ab^4 - 19\frac{9}{20}a^2b^3 -$$

$$795) \left(7\frac{8}{19}x + 1\frac{2}{3}x^4y^2\right) - \left(\frac{7}{15}x^4y^4 - \frac{6}{13}x^2y^2 + 7\frac{9}{13}x^4y^2\right) - \left(1\frac{2}{3}x^4y^2 - x^2y^2 + \frac{5}{7}xy\right) - \frac{7}{15}x^4y^4 - 7\frac{9}{13}x^4y^2 + 1\frac{6}{13}x^2y^2$$

$$796) \left(\frac{7}{9}n^3 + 1\frac{1}{8}n^4\right) + \left(1\frac{13}{14}mn^3 + 5\frac{1}{14}mn^2 - 2\frac{5}{12}n^4\right) + \left(\frac{7}{16}n^4 - 2\frac{3}{7}n^3 + 4\frac{3}{5}m^2n^2\right) - \frac{41}{48}n^4 + 1\frac{13}{14}n^3m + 4\frac{3}{5}n^2m^2 +$$

$$797) \left(\frac{15}{19}m^4n^2 - 1\frac{6}{7}m^2n^4\right) + \left(1\frac{13}{14}m^2n^3 - 1\frac{1}{7}m^2n^4 - 3\frac{3}{7}m^4n^2\right) - \left(2m^2n^3 - 1\frac{13}{18}m^2n^4 + m^4n^2\right) - 3\frac{85}{133}m^4n^2 - 1\frac{5}{18}$$

$$798) \left(6\frac{7}{17}xy + 5\frac{9}{17}x^4y^4\right) - \left(\frac{1}{6}y^3 + 7\frac{12}{17}x^4y^4 + 1\right) - \left(7\frac{1}{2} + \frac{1}{9}y^3 + 7\frac{11}{18}x^4y^4\right) - 9\frac{241}{306}x^4y^4 - \frac{5}{18}y^3 + 6\frac{7}{17}xy - 8\frac{1}{2}$$

$$799) \left(\frac{5}{8}n + 16m^3n^3\right) - \left(\frac{2}{3}mn - 1\frac{1}{4}n^4 + 14n\right) + \left(mn + 7\frac{5}{17}n^4 + 3\frac{7}{15}m^3n^3\right) 19\frac{7}{15}n^3m^3 + 8\frac{37}{68}n^4 + \frac{1}{3}nm - 13\frac{3}{8}n$$

$$800) \left(\frac{1}{12}x + \frac{3}{5}x^2y^3\right) - \left(1\frac{3}{14}xy^4 - \frac{1}{5}x + 2\frac{1}{15}x^2y^3\right) - \left(\frac{3}{4}xy^4 + 4\frac{13}{20}x - 3\frac{1}{9}x^3y^2\right) - 1\frac{7}{15}x^2y^3 - 1\frac{27}{28}xy^4 + 3\frac{1}{9}x^3y^2 - 4$$

$$801) m^2 + 8m^4 + 2n^2 + 2m^4 - \frac{2}{7}m^2 + \frac{5}{8}m^4 + 3\frac{4}{7}n^2 \quad 10\frac{5}{8}m^4 + \frac{5}{7}m^2 + 5\frac{4}{7}n^2$$

$$802) \frac{1}{4}x^2y^5 - 3\frac{5}{6}x^3y^3 + \frac{1}{3}x^3y^3 + 2\frac{1}{6}x^2y^5 - 1\frac{1}{4}x^2y^3 + \frac{3}{7}x^3y^3 - 2\frac{3}{5}x^2y^3 \quad 2\frac{5}{12}x^2y^5 - 3\frac{1}{14}x^3y^3 - 3\frac{17}{20}x^2y^3$$

$$803) \frac{1}{7}a^4b - 1\frac{5}{7}a^3b^5 + 2a^4b + 3a^3b^5 + \frac{4}{5}b^4 + 2b^4 - a^4b \quad 1\frac{2}{7}b^5a^3 + 1\frac{1}{7}ba^4 + 2\frac{4}{5}b^4$$

$$804) 4\frac{1}{6}u^4v - 2\frac{4}{7}u^4v^2 + 1\frac{3}{4}u^4v^3 - 1\frac{3}{7}u^4v^2 + 1\frac{3}{5}u^4v + 1\frac{1}{8}u^4v - 1\frac{1}{5}u^4v^3 \quad \frac{11}{20}u^4v^3 - 4u^4v^2 + 6\frac{107}{120}u^4v$$

$$805) 1\frac{1}{5}y^4 + 1\frac{1}{8}xy + 1\frac{1}{3}x^5 + 4\frac{1}{6}x^5y^5 - 2y^4 + \frac{1}{5}xy + \frac{4}{5}y^4 \quad 4\frac{1}{6}x^5y^5 + 1\frac{1}{3}x^5 + 1\frac{13}{40}xy$$

$$806) 4\frac{4}{5}x^2 - \frac{1}{2}x^4y + 2x^2 + 4\frac{1}{3}xy^4 + 2\frac{3}{8}x^4y + 1\frac{1}{5}x^2 - \frac{2}{3}x^4y \quad 1\frac{5}{24}x^4y + 4\frac{1}{3}xy^4 + 8x^2$$

$$807) 1\frac{1}{2}x^2y + 4\frac{2}{5}x^2 + 1\frac{2}{7}x^2 + 1\frac{1}{3}xy - 2x^5y + \frac{5}{6}x^2 + 3\frac{3}{4}x^2y \quad -2x^5y + 5\frac{1}{4}x^2y + 6\frac{109}{210}x^2 + 1\frac{1}{3}xy$$

$$808) u^3v^3 - 2u^4 + u^4 - 3\frac{5}{6}u^5v^4 - 3\frac{7}{8}u^3v^3 + u^3v^3 - 1\frac{1}{3}u^4 \quad -3\frac{5}{6}u^5v^4 - 1\frac{7}{8}u^3v^3 - 2\frac{1}{3}u^4$$

$$809) \frac{3}{4}y - 3\frac{5}{8}x + 1\frac{2}{3}x^4y^5 - 1\frac{2}{3}y - 2\frac{1}{4}x + 4\frac{3}{8}x + 1\frac{3}{4}x^4y^5 \quad 3\frac{5}{12}x^4y^5 - 1\frac{1}{2}x - \frac{11}{12}y$$

$$810) 2u^4v^3 + 1\frac{1}{3}u^5v + \frac{3}{7}u^4v^3 - 2\frac{3}{5}u - \frac{1}{3}uv^5 + 1\frac{2}{5}u - 3\frac{1}{3}uv^5 \quad 2\frac{3}{7}u^4v^3 + 1\frac{1}{3}u^5v - 3\frac{2}{3}uv^5 - 1\frac{1}{5}u$$

$$811) 2u^4 - 2\frac{3}{4}u^5v^4 + 1\frac{3}{4}u^5v^4 - 2\frac{1}{2}u^4 + \frac{1}{2}u^3v^5 + 4\frac{2}{3}u^4 + 7u^5v^4 \quad 6u^5v^4 + \frac{1}{2}u^3v^5 + 4\frac{1}{6}u^4$$

$$812) 1\frac{1}{6}y^2 - 3\frac{1}{4}x^5y^2 + 1 + 4\frac{3}{4}y^2 - \frac{1}{2}x^5y^2 + \frac{1}{3}y^2 - 2\frac{1}{6}x^5y^2 \quad -5\frac{11}{12}y^2x^5 + 6\frac{1}{4}y^2 + 1$$

$$813) 2\frac{3}{7}x^4y^2 + 2x^3y^5 + 1\frac{1}{4}xy^2 + 3\frac{3}{5}x^4y^2 + 2\frac{5}{8}x^3y^5 + \frac{1}{2}x^4y^2 + 2\frac{4}{5}xy^2 \quad 4\frac{5}{8}x^3y^5 + 6\frac{37}{70}x^4y^2 + 4\frac{1}{20}xy^2$$

$$814) 1\frac{7}{8}xy^3 + 4\frac{1}{2}x^4y^5 + 8\frac{1}{3}x^4y + 4\frac{6}{7}x^4y^5 - 3\frac{5}{6}x^5 + 2\frac{1}{2}x^4y + 1\frac{1}{2}x^5 \quad 9\frac{5}{14}x^4y^5 + 10\frac{5}{6}x^4y - 2\frac{1}{3}x^5 + 1\frac{7}{8}xy^3$$

$$815) 1\frac{1}{4}mn^3 + 8m^5n^2 + 1\frac{2}{3}m^5n^2 - mn^3 - \frac{1}{2}m^2n + 3\frac{1}{4}mn^3 + 1\frac{3}{4}m \quad 9\frac{2}{3}m^5n^2 + 3\frac{1}{2}mn^3 - \frac{1}{2}m^2n + 1\frac{3}{4}m$$

$$816) \frac{1}{5}x^5 - 1\frac{1}{2}x^2y + 1\frac{3}{4}y^5 - 1\frac{2}{5}x^5 - 2\frac{1}{4}x^2y + 2\frac{1}{5}x^2y - x^5 \quad -2\frac{1}{5}x^5 + 1\frac{3}{4}y^5 - 1\frac{11}{20}x^2y$$

$$817) 2y + \frac{1}{3}x^5y^5 + 2x^5y^5 - 2y + \frac{5}{8}x^5y^2 + 3\frac{1}{4}y - 3\frac{1}{3}x^5y^5 \quad -y^5x^5 + \frac{5}{8}y^2x^5 + 3\frac{1}{4}y$$

$$818) \frac{2}{3}b^5 - a^3b^4 + 3a^2b^5 + 4\frac{1}{2}a^3b^4 - 1\frac{5}{6}b^5 + \frac{1}{4}b^5 + \frac{1}{5}a^3b^4 \quad 3\frac{7}{10}b^4a^3 + 3b^5a^2 - \frac{11}{12}b^5$$

$$819) \frac{3}{4}x^4y^3 + x^5y^5 + 4\frac{2}{3}y^5 + 3\frac{3}{4}x^4y^3 - \frac{1}{2}x^5y^5 + 4\frac{3}{5}x^4y^3 + 1\frac{1}{6}y^5 \quad \frac{1}{2}y^5x^5 + 9\frac{1}{10}y^3x^4 + 5\frac{5}{6}y^5$$

$$820) 1\frac{3}{4}ab^2 + 3\frac{1}{2}a^2 + a^2b^4 + 4\frac{1}{3}ab^2 - 1\frac{5}{8}a^2 + a^2b^4 - \frac{7}{8}ab^2 \quad 2a^2b^4 + 5\frac{5}{24}ab^2 + 1\frac{7}{8}a^2$$

$$821) \frac{1}{2}x^3 + 1\frac{1}{3}x^2y^4 + 1\frac{1}{2}x^4y^5 + x^3 - 3x^2y^4 + 7\frac{5}{6}x^2y^4 + \frac{1}{2}x^3 \quad 1\frac{1}{2}x^4y^5 + 6\frac{1}{6}x^2y^4 + 2x^3$$

$$822) 4\frac{1}{2}x^2y^2 + \frac{1}{6}x^4y + 3x^2 + 3\frac{3}{4}x^4y + 4\frac{2}{7}x^2y^2 + 1\frac{2}{3}x^2y^2 + 1\frac{3}{4}x^2 \quad 3\frac{11}{12}x^4y + 10\frac{19}{42}x^2y^2 + 4\frac{3}{4}x^2$$

$$823) 2m^5 - \frac{1}{3}m^4 + 2\frac{3}{5}m^4 + m^3n^3 + 2\frac{1}{2}m^3n^2 + m^4 + m^3n^3 \quad 2m^3n^3 + 2m^5 + 2\frac{1}{2}m^3n^2 + 3\frac{4}{15}m^4$$

$$824) 2x^5y^5 - 2 + \frac{3}{4}x^5y^5 - 1\frac{2}{3}x^3y^3 + 1\frac{5}{6} + 1\frac{1}{5} + \frac{1}{2}x^5y^5 \quad 3\frac{1}{4}x^5y^5 - 1\frac{2}{3}x^3y^3 + 1\frac{1}{30}$$

$$825) \frac{2}{3}x^5 + y^4 + 2\frac{3}{5}x^5 - 7x + 1\frac{1}{2}y^4 + 8y^4 + 4\frac{1}{2}xy^3 \quad 3\frac{4}{15}x^5 + 10\frac{1}{2}y^4 + 4\frac{1}{2}xy^3 - 7x$$

$$826) 1\frac{1}{2}y^5 + 1\frac{3}{4}x^4 + 4\frac{1}{6}x^2y^2 - 1\frac{1}{6}y^5 - 2\frac{1}{6}x^4 + 1\frac{1}{6}y^5 + 2\frac{5}{6}x^2y^2 \quad 1\frac{1}{2}y^5 - \frac{5}{12}x^4 + 7x^2y^2$$

$$827) \frac{4}{5}x^4y^4 - \frac{1}{3}x^3y^4 + 2\frac{5}{6}x^3y^4 - \frac{4}{7}y^4 + 1\frac{4}{5}x^4y^4 + 3\frac{1}{3}y^4 + 4\frac{5}{6}x^3y^4 \quad 2\frac{3}{5}y^4x^4 + 7\frac{1}{3}y^4x^3 + 2\frac{16}{21}y^4$$

$$828) 4\frac{5}{7} + 6b^3 + \frac{5}{8} + \frac{6}{7}b^3 - \frac{1}{3}a^4b^4 + \frac{1}{2}b^3 + 1\frac{1}{6}a^4b^4 \quad \frac{5}{6}a^4b^4 + 7\frac{5}{14}b^3 + 5\frac{19}{56}$$

$$829) x^4y - 1\frac{1}{4}x^4y^5 + 4\frac{3}{7}x^4y^5 - 3\frac{5}{8}x^3y^5 + 1\frac{2}{3}x^4y + 4\frac{4}{5}x^3y^5 + \frac{5}{6}x^4y \quad 3\frac{5}{28}x^4y^5 + 1\frac{7}{40}x^3y^5 + 3\frac{1}{2}x^4y$$

$$830) ab^4 - a^3b + 2\frac{5}{6}a^3b + 1\frac{3}{4}a^2 - 2\frac{5}{7}ab^4 + 1\frac{6}{7}ab^4 - 1\frac{7}{8}a^2 \quad \frac{1}{7}ab^4 + 1\frac{5}{6}a^3b - \frac{1}{8}a^2$$

$$831) 2\frac{1}{8}m^4n^5 + 1\frac{5}{8}m^4 + 3\frac{1}{4}m^4 + 1\frac{7}{8}m^4n^5 + 2m^5n^5 + 2m^5n^5 + 1\frac{3}{4}m^4n^5 \quad 4m^5n^5 + 5\frac{3}{4}m^4n^5 + 4\frac{7}{8}m^4$$

$$832) \frac{1}{4}uv^5 - 2\frac{3}{4}u^4v^5 + u^3v^3 + 3\frac{2}{3}uv^5 + 8\frac{1}{7}u^4v^5 + 2\frac{1}{2}uv^4 + 1\frac{2}{3}uv^5 \quad 5\frac{11}{28}u^4v^5 + 5\frac{7}{12}uv^5 + u^3v^3 + 2\frac{1}{2}uv^4$$

$$833) 1\frac{1}{5}y^3 - 2\frac{1}{3} + \frac{1}{4}y^5 - 2\frac{5}{8} + 3\frac{1}{5}y^3 + 1\frac{1}{3}y^5 - \frac{4}{7} \quad 1\frac{7}{12}y^5 + 4\frac{2}{5}y^3 - 5\frac{89}{168}$$

$$834) 1\frac{2}{7}u^4v^2 - 2\frac{1}{5}v^4 + 1\frac{1}{2}u^4v^2 + \frac{1}{2}u^2 + 3\frac{3}{4}v^4 + 1\frac{3}{5}u^4v^2 + 2\frac{2}{7}v^4 \quad 4\frac{27}{70}v^2u^4 + 3\frac{117}{140}v^4 + \frac{1}{2}u^2$$

$$835) 1\frac{1}{2}x^5y^2 + 7x^3y^4 + xy^4 + \frac{2}{7}x^3y^4 + 2\frac{5}{6}x^2y^3 + 4\frac{1}{2}x^5y^2 + 4\frac{2}{7}x^3y^4 \quad 11\frac{4}{7}x^3y^4 + 6x^5y^2 + xy^4 + 2\frac{5}{6}x^2y^3$$

$$836) 3\frac{5}{6}x^2y^4 - 2x^2y^5 + 2\frac{2}{7}x^2y^4 - \frac{5}{7}y - 3\frac{1}{6}x^2y^5 + \frac{1}{2}x^2y^5 + 1\frac{2}{5}y \quad -4\frac{2}{3}y^5x^2 + 6\frac{5}{42}y^4x^2 + \frac{24}{35}y$$

$$837) 6xy^2 + 4\frac{1}{8}x + 2\frac{1}{2}x + x^3y^4 + \frac{3}{7}x^4y^4 + \frac{1}{2}x - 2\frac{5}{6}x^4y^4 \quad -2\frac{17}{42}x^4y^4 + x^3y^4 + 6xy^2 + 7\frac{1}{8}x$$

$$838) 1 + m^4n^4 + \frac{1}{2} + 1\frac{1}{2}m^4n^4 - \frac{1}{4}m^5n + \frac{3}{7}m^4n^4 + 6\frac{3}{4}m^5n \quad 2\frac{13}{14}m^4n^4 + 6\frac{1}{2}m^5n + 1\frac{1}{2}$$

$$839) \frac{3}{4}x^4y^4 + 2\frac{1}{8}x^2y + \frac{5}{8}x^3y^5 + \frac{2}{3}x^5y^2 + 2\frac{5}{6}x^4y^4 + 1\frac{3}{7}x^2y - \frac{1}{4}x^4y^4 \quad 3\frac{1}{3}x^4y^4 + \frac{5}{8}x^3y^5 + \frac{2}{3}x^5y^2 + 3\frac{31}{56}x^2y$$

$$840) 2\frac{2}{7}y^3 + 1\frac{1}{2}xy + 1\frac{4}{5}xy^4 - 2xy + \frac{4}{5}y^3 + 1\frac{3}{5}xy + 1\frac{1}{3}y^3 \quad 1\frac{4}{5}y^4x + 4\frac{44}{105}y^3 + 1\frac{1}{10}yx$$

$$841) \frac{1}{5}x^2y^3 - 3\frac{1}{6}x^2y^4 + \frac{1}{2}x^2y^4 + 1\frac{5}{6}x^2y + x^2y^3 + 1\frac{1}{6}x^2y^3 + 3\frac{3}{4}x^2y^4 \quad 1\frac{1}{12}x^2y^4 + 2\frac{11}{30}x^2y^3 + 1\frac{5}{6}x^2y$$

$$842) 3\frac{5}{6}a^5b^3 + 7ab^5 + 1\frac{4}{5}a^5b^3 - 1\frac{1}{7}ab^5 + 1\frac{3}{7}a^5b^4 + 4\frac{5}{6}ab^5 - 1\frac{4}{5}a^5b^4 \quad -\frac{13}{35}a^5b^4 + 5\frac{19}{30}a^5b^3 + 10\frac{29}{42}ab^5$$

$$843) \frac{1}{6}x^2y^5 + 3\frac{2}{7}x^3y^4 + \frac{5}{6}x^2y^5 - 1\frac{1}{2}x - 1\frac{5}{7}x^3y^4 + 6x^2y^5 + \frac{1}{2}x^3y^4 \quad 7x^2y^5 + 2\frac{1}{14}x^3y^4 - 1\frac{1}{2}x$$

$$844) 1\frac{6}{7}x^5y + \frac{3}{5}x^3 + 5\frac{2}{5}x^3 + xy^4 + \frac{1}{2}y^5 + \frac{3}{4}y^5 - 1\frac{1}{3}x^5y \quad \frac{11}{21}x^5y + xy^4 + 1\frac{1}{4}y^5 + 6x^3$$

$$845) 1\frac{4}{5}n^5 - 1\frac{2}{3}mn^2 + 1\frac{1}{8}m^4n^5 - 1\frac{1}{2}n^5 - \frac{3}{5}mn^2 + 1\frac{5}{6}mn^2 - 1\frac{5}{7}n^5 \quad 1\frac{1}{8}n^5m^4 - 1\frac{29}{70}n^5 - \frac{13}{30}n^2m$$

$$846) m^3n^2 + \frac{1}{4}m^3n^4 + 3\frac{5}{6}m^3n^4 - 1\frac{2}{3}m^3n^2 + 3\frac{5}{6}mn^4 + \frac{1}{2}m^3n^4 + 3\frac{1}{4}m^3n^2 \quad 4\frac{7}{12}m^3n^4 + 2\frac{7}{12}m^3n^2 + 3\frac{5}{6}mn^4$$

$$847) 1\frac{1}{3}u^3v^2 + 1\frac{4}{5}u^4v^2 + 1\frac{5}{8}u^5v^4 - \frac{1}{4}u^4v^2 - 1\frac{1}{2}u^3v^2 + 2u^5v^4 + \frac{1}{4}u^2 \quad 3\frac{5}{8}u^5v^4 + 1\frac{11}{20}u^4v^2 - \frac{1}{6}u^3v^2 + \frac{1}{4}u^2$$

$$848) x^3y^5 + 3\frac{1}{3}x^5y^4 + 2\frac{1}{2}x^3y^3 + \frac{1}{3}x^3y^5 + 4\frac{1}{6}x^5y^4 + 7x^3y^5 - 2\frac{7}{8}x^3y \quad 7\frac{1}{2}x^5y^4 + 8\frac{1}{3}x^3y^5 + 2\frac{1}{2}x^3y^3 - 2\frac{7}{8}x^3y$$

$$849) \frac{2}{3}x^3y^5 - y^3 + y^3 + \frac{3}{5}xy^3 + 1\frac{1}{7}x^3y^5 + 4\frac{5}{7}x^2y^2 + 2\frac{1}{2}xy^3 \quad 1\frac{17}{21}x^3y^5 + 3\frac{1}{10}xy^3 + 4\frac{5}{7}x^2y^2$$

$$850) 1\frac{1}{4}u^5v^3 + 1\frac{2}{7}u^3v + 4\frac{1}{3}u^5v^3 - u^4v^4 - 2\frac{7}{8}u^3v + 8\frac{1}{6}u^4v^4 + 3\frac{1}{2}u^3v \quad 7\frac{1}{6}u^4v^4 + 5\frac{7}{12}u^5v^3 + 1\frac{51}{56}u^3v$$

$$851) \frac{3}{4}x^4y^3 - 3\frac{3}{8}y^2 + 2x^4y^3 + 2\frac{1}{8}y^2 + \frac{3}{7}y^4 + 8y^2 - \frac{1}{2}y^4 \quad 2\frac{3}{4}y^3x^4 - \frac{1}{14}y^4 + 6\frac{3}{4}y^2$$

$$852) \frac{1}{3}x^3 - \frac{1}{2}xy^3 + 2xy^3 + 1\frac{1}{2}x^3 - 5y^3 + 1\frac{2}{3}x^3 - 2\frac{2}{5}xy^3 \quad -\frac{9}{10}xy^3 - 5y^3 + 3\frac{1}{2}x^3$$

$$853) 2\frac{1}{3}x^4 + \frac{1}{8}x^4y^5 + 4\frac{1}{2}x^4y^5 + 1\frac{6}{7}x^4y^4 - 2\frac{1}{4}x^4 + 1\frac{2}{3}x^4y^4 + \frac{1}{2}x^4 \quad 4\frac{5}{8}x^4y^5 + 3\frac{11}{21}x^4y^4 + \frac{7}{12}x^4$$

$$854) 3\frac{2}{7} - 2x^3y^5 + 4\frac{1}{3}x^3y^5 - 1\frac{7}{8}x^3y^2 + \frac{2}{3}xy^3 + \frac{7}{8}x^3y^2 - 3\frac{1}{2}xy^3 \quad 2\frac{1}{3}x^3y^5 - x^3y^2 - 2\frac{5}{6}xy^3 + 3\frac{2}{7}$$

$$855) x^5y^5 - \frac{4}{7}x^4y^5 + 2\frac{5}{8}xy^3 + 1\frac{3}{4}x^5y^5 + 4\frac{2}{7}x^2y + xy^3 + \frac{1}{6}x^4y^5 \quad 2\frac{3}{4}x^5y^5 - \frac{17}{42}x^4y^5 + 3\frac{5}{8}xy^3 + 4\frac{2}{7}x^2y$$

$$856) 5\frac{3}{8}m^4n^4 + \frac{5}{8}n^3 + \frac{3}{8}n^3 + 2\frac{3}{4}m^4n^4 + mn^2 + n^3 + m^4n^4 \quad 9\frac{1}{8}n^4m^4 + 2n^3 + n^2m$$

$$857) 2a^4 - \frac{1}{3}a^5b^5 + 1\frac{5}{8}a^3b^4 + 3\frac{2}{7}a^4 + 3\frac{1}{4}a^2b + 2a^4 + 4\frac{1}{6}a^5b^5 \quad 3\frac{5}{6}a^5b^5 + 1\frac{5}{8}a^3b^4 + 7\frac{2}{7}a^4 + 3\frac{1}{4}a^2b$$

$$858) \frac{3}{7}uv^5 + 2\frac{1}{3}u^2v^3 + 2u^2v^3 + 3\frac{2}{5}uv^5 + 2\frac{1}{2}u^2v^5 + 1\frac{1}{3}u^2v^3 + 4\frac{2}{3}uv^5 \quad 2\frac{1}{2}u^2v^5 + 8\frac{52}{105}uv^5 + 5\frac{2}{3}u^2v^3$$

$$859) \frac{1}{3}y^4 + \frac{1}{2}x^5y^4 + 1\frac{3}{8}x^5y^4 - 3y^4 + 1\frac{1}{2}xy + 1\frac{2}{5}y^4 - 2\frac{2}{7}xy \quad 1\frac{7}{8}y^4x^5 - 1\frac{4}{15}y^4 - \frac{11}{14}yx$$

$$860) b + 1\frac{1}{3}a^2b^4 + 1\frac{2}{5}a^3b^2 + 1\frac{6}{7}b - 8a^2b^4 + 2\frac{1}{8}a^2b^4 - 3\frac{1}{2}b \quad -4\frac{13}{24}b^4a^2 + 1\frac{2}{5}b^2a^3 - \frac{9}{14}b$$

$$861) 7\frac{4}{5}b^3 + 2ab^4 + 1\frac{2}{7}a^3b^3 + 4\frac{5}{6}a^5b^2 - 3\frac{1}{2}ab^4 + 2\frac{1}{4}a^3b^3 - 2b^3 \quad 4\frac{5}{6}b^2a^5 + 3\frac{15}{28}b^3a^3 - 1\frac{1}{2}b^4a + 5\frac{4}{5}b^3$$

$$862) \frac{3}{8}x^2y^2 - 5\frac{1}{7}x^4 + \frac{3}{8}x^4y^2 - 8\frac{1}{2}x^3y^4 + 3\frac{1}{4}x^2y^2 + 2\frac{3}{4}x^2y^2 + x^3y^4 \quad -7\frac{1}{2}x^3y^4 + \frac{3}{8}x^4y^2 - 5\frac{1}{7}x^4 + 6\frac{3}{8}x^2y^2$$

$$863) \frac{1}{7}y^5 - \frac{2}{3}x^2y^4 + 3\frac{3}{4}x^2y^4 + 2\frac{1}{2}x^5y^2 - 2\frac{3}{4}y^5 + 2\frac{2}{3}y^5 + 1\frac{6}{7}x^2y^4 \quad 2\frac{1}{2}y^2x^5 + 4\frac{79}{84}y^4x^2 + \frac{5}{84}y^5$$

$$864) 1\frac{3}{7}x^5y^2 - 1\frac{1}{7} + 4\frac{5}{6} - x^5y^2 - \frac{2}{3}x + \frac{6}{7} - 1\frac{5}{6}y \quad \frac{3}{7}x^5y^2 - \frac{2}{3}x - 1\frac{5}{6}y + 4\frac{23}{42}$$

$$865) x^4y^2 - 2\frac{1}{2}x^4y + 1\frac{3}{4}x^4y^2 + \frac{1}{2}x^4y + 3xy^3 + 2\frac{1}{2}x^4 + xy^3 \quad 2\frac{3}{4}x^4y^2 - 2x^4y + 4xy^3 + 2\frac{1}{2}x^4$$

$$866) 3\frac{1}{8}x^2 - 1\frac{3}{4}xy^3 + 1\frac{4}{5}x^2 + 1\frac{3}{4}xy^4 + 1\frac{4}{5}xy^3 + 1\frac{3}{4}xy^3 + 2x^2 \quad 1\frac{3}{4}xy^4 + 1\frac{4}{5}xy^3 + 6\frac{37}{40}x^2$$

$$867) 1\frac{4}{5}a^2b^3 + \frac{6}{7}a^5b^3 + 3\frac{1}{4}b^4 - \frac{1}{4}a^5b^3 - \frac{4}{7}a^2b^3 + 2\frac{1}{3}b^4 - \frac{1}{2}a^3b^3 \quad \frac{17}{28}b^3a^5 - \frac{1}{2}b^3a^3 + 1\frac{8}{35}b^3a^2 + 5\frac{7}{12}b^4$$

$$868) 2x^4y^3 - 2x^3y^2 + 3\frac{1}{8}x^3y^2 + 1\frac{1}{6}x^2y^3 + 3\frac{3}{4}x^4y^3 + \frac{1}{5}x^4y^3 + 4\frac{1}{7}x^2y^3 \quad 5\frac{19}{20}x^4y^3 + 1\frac{1}{8}x^3y^2 + 5\frac{13}{42}x^2y^3$$

$$869) \frac{2}{7}x^3y^3 + 2x^2y^4 + 1\frac{2}{3}x^2y^4 - \frac{1}{3}x^3y^3 + \frac{4}{5}x^5 + 8x^2y^4 - 2\frac{3}{5}x^5 \quad 11\frac{2}{3}x^2y^4 - \frac{1}{21}x^3y^3 - 1\frac{4}{5}x^5$$

$$870) 4\frac{3}{5}n^3 + 1\frac{1}{3}m^3n^4 + \frac{3}{7}n^3 - \frac{1}{2}m^3n^4 + n^4 + 2n^4 - 6m^3n^4 \quad -5\frac{1}{6}n^4m^3 + 3n^4 + 5\frac{1}{35}n^3$$



$$871) 1\frac{2}{7}x^5y^3 - 3\frac{3}{4}y^3 + 4\frac{1}{3}x^2y^4 - 3\frac{2}{5}y^3 + 5\frac{4}{7}x^5y^3 + 1\frac{1}{2}x^4y - 1\frac{1}{4}x^2y^4 \quad 6\frac{6}{7}y^3x^5 + 3\frac{1}{12}y^4x^2 + 1\frac{1}{2}yx^4 - 7\frac{3}{20}y^3$$

$$872) 7m^4n^2 - 3\frac{3}{4}mn + 2\frac{3}{4}mn + 2\frac{4}{5}m^4n^2 + 2\frac{5}{6}m^2n + m^4n^2 - 2m^2n \quad 10\frac{4}{5}m^4n^2 + \frac{5}{6}m^2n - mn$$

$$873) 2\frac{3}{8}uv - 1\frac{5}{7}v^4 + 4\frac{1}{4}uv + 3\frac{3}{8}uv^2 - 2v^4 + 1\frac{1}{3}u^2v + 8v^4 \quad 4\frac{2}{7}v^4 + 3\frac{3}{8}v^2u + 1\frac{1}{3}vu^2 + 6\frac{5}{8}vu$$

$$874) 4\frac{1}{4}x^3y + 1\frac{4}{5}x^2y^5 + 1\frac{1}{2}x^2y^5 + 3\frac{1}{6}y^2 + 3\frac{4}{5}x^3y + 1\frac{1}{3}x^2y^5 - \frac{1}{2}x^3y \quad 4\frac{19}{30}y^5x^2 + 7\frac{11}{20}yx^3 + 3\frac{1}{6}y^2$$

$$875) x^2y^4 + 4\frac{1}{4}x^5y^2 + \frac{1}{3}x^2y^4 + 1\frac{2}{3}x^5y^2 + 4\frac{5}{6}y^3 + 1\frac{1}{2}y^3 - 1\frac{3}{7}x^2y^4 \quad 5\frac{11}{12}y^2x^5 - \frac{2}{21}y^4x^2 + 6\frac{1}{3}y^3$$

$$876) 4\frac{5}{6}y^3 - 2\frac{3}{5}x^5y + 2\frac{1}{2}x^3y^2 - 1\frac{4}{7}y^3 + 1\frac{2}{7}xy^4 + 2\frac{5}{6}x^3y^2 + 3\frac{1}{2}y^3 \quad -2\frac{3}{5}yx^5 + 5\frac{1}{3}y^2x^3 + 1\frac{2}{7}y^4x + 6\frac{16}{21}y^3$$

$$877) 1\frac{1}{4}a^3b^2 + \frac{7}{8}a^5 + 1\frac{5}{6}a^5b^3 - 2\frac{1}{6}a^3b^2 - 1\frac{1}{3}a^5 + \frac{3}{4}a^5b^3 + 5\frac{7}{8}a^5 \quad 2\frac{7}{12}a^5b^3 + 5\frac{5}{12}a^5 - \frac{11}{12}a^3b^2$$

$$878) 3\frac{5}{8}x^3y^2 - 1\frac{3}{4}x^5y^3 + 4\frac{3}{8}x^3y - \frac{5}{7}xy^5 - 1\frac{1}{5}x^3y^2 + 1\frac{3}{7}x^3y + 3\frac{4}{5}x^5y^3 \quad 2\frac{1}{20}x^5y^3 - \frac{5}{7}xy^5 + 2\frac{17}{40}x^3y^2 + 5\frac{45}{56}x^3y$$

$$879) 2\frac{4}{7} + 1\frac{1}{7}mn^5 + 3\frac{2}{7}mn^5 + 4m^3n^2 + \frac{4}{7}m^5n^2 + 1\frac{1}{3} - 1\frac{1}{3}mn^5 \quad \frac{4}{7}m^5n^2 + 3\frac{2}{21}mn^5 + 4m^3n^2 + 3\frac{19}{21}$$

$$880) 1\frac{2}{3}x^5y^2 - 3\frac{1}{6}y^2 + 4\frac{3}{4}x^5y^2 + 1\frac{1}{2}x^2y^2 + 2\frac{3}{4}y^2 + 2x^2y^2 - \frac{1}{3}x^5y^2 \quad 6\frac{1}{12}y^2x^5 + 3\frac{1}{2}y^2x^2 - \frac{5}{12}y^2$$

$$881) \frac{1}{2}x^5y^4 - \frac{4}{7}x^3y^5 + x^3y^5 - 1\frac{4}{5}x^5y^4 - 1\frac{1}{2}y^3 + \frac{2}{7}x^5y^4 + \frac{3}{7}x^3y^5 \quad -1\frac{1}{70}y^4x^5 + \frac{6}{7}y^5x^3 - 1\frac{1}{2}y^3$$

$$882) 4\frac{1}{3}x^5 + 2\frac{2}{3}x^4y + 1\frac{3}{5}x^5 + 3\frac{3}{4}x^4y + \frac{1}{2}x^2y^3 + 1\frac{1}{2}x^5 + 4\frac{4}{5}x^4y \quad 7\frac{13}{30}x^5 + 11\frac{13}{60}x^4y + \frac{1}{2}x^2y^3$$

$$883) 2x^4y^5 + 3\frac{1}{2}xy^2 + 1\frac{2}{7}x^3y^3 + \frac{1}{2}x^3y^5 + \frac{7}{8}x^4y^5 + 2\frac{3}{8}x^3y^3 + 1\frac{1}{6}x^4y^5 \quad 4\frac{1}{24}x^4y^5 + \frac{1}{2}x^3y^5 + 3\frac{37}{56}x^3y^3 + 3\frac{1}{2}xy^2$$

$$884) 3\frac{3}{4}u^3 - \frac{3}{4}u^5v^2 + 2\frac{3}{5}u^3 - 2u + 1\frac{3}{8}u^5v^2 + \frac{1}{7}u + 1\frac{1}{3}u^4v^2 \quad \frac{5}{8}u^5v^2 + 1\frac{1}{3}u^4v^2 + 6\frac{7}{20}u^3 - 1\frac{6}{7}u$$

$$885) 2a^2b^5 + \frac{2}{7}a^4b^2 + 1\frac{3}{8}a^2b^5 - 1\frac{3}{5}ab^5 - 2\frac{1}{5}a^4b^2 + 4\frac{1}{8}a^4b^2 + 4\frac{1}{2}ab^5 \quad 3\frac{3}{8}a^2b^5 + 2\frac{59}{280}a^4b^2 + 2\frac{9}{10}ab^5$$

$$886) 1\frac{1}{6}x^3y^3 - 1\frac{3}{7}xy^2 + x^3y^3 - 3\frac{1}{6}xy + \frac{1}{6}xy^3 + \frac{7}{8}xy^2 + 1\frac{3}{5}x^3y^3 \quad 3\frac{23}{30}x^3y^3 + \frac{1}{6}xy^3 - \frac{31}{56}xy^2 - 3\frac{1}{6}xy$$

$$887) 2m - \frac{1}{7}mn + \frac{3}{8}m^3n^2 + 1\frac{1}{5}m + 1\frac{5}{6}mn + \frac{1}{3}m - 2mn \quad \frac{3}{8}m^3n^2 - \frac{13}{42}mn + 3\frac{8}{15}m$$

$$888) 3\frac{1}{7}x^2y^2 - 7x^4y^2 + 1\frac{3}{4}x^2y^2 - \frac{3}{5}x^4y^2 - 5\frac{3}{8}x^3y + \frac{3}{5}x^2y^2 + 1\frac{1}{7}x^4y^2 \quad -6\frac{16}{35}x^4y^2 + 5\frac{69}{140}x^2y^2 - 5\frac{3}{8}x^3y$$

$$889) \frac{1}{3}x^2 - 3\frac{1}{7}x^2y^4 + 1\frac{1}{2}xy - 1\frac{1}{3}x^2 - 2\frac{3}{5}x^2y^4 + \frac{3}{8}x^2y^4 + 2x^2 \quad -5\frac{103}{280}x^2y^4 + x^2 + 1\frac{1}{2}xy$$

$$890) \frac{1}{2}m^4n^3 + 4\frac{7}{8}m^2n + 3\frac{1}{8}n^4 + 2mn^2 + 3\frac{5}{6}m^4n^3 + 3\frac{2}{5}m^2n + \frac{5}{6}mn^2 \quad 4\frac{1}{3}n^3m^4 + 3\frac{1}{8}n^4 + 8\frac{11}{40}nm^2 + 2\frac{5}{6}n^2m$$

$$891) 1\frac{1}{4}u^4v + \frac{3}{4}uv^4 + 4\frac{3}{4}u^4v + \frac{5}{6}uv^4 - \frac{1}{4} + 3\frac{1}{5} - 2\frac{1}{5}uv^4 \quad 6u^4v - \frac{37}{60}uv^4 + 2\frac{19}{20}$$

$$892) \frac{1}{5}u^4v + 4\frac{1}{3}v^3 + 1\frac{1}{8}u^4v + 1\frac{3}{4}u^4v^5 + \frac{2}{3}v^3 + 3\frac{1}{4}uv^3 + 3\frac{3}{4}v^3 \quad 1\frac{3}{4}v^5u^4 + 1\frac{13}{40}vu^4 + 3\frac{1}{4}v^3u + 8\frac{3}{4}v^3$$

$$893) 2\frac{1}{2}y^2 - 1\frac{2}{5}x^2y^4 + \frac{1}{3}y^2 - 2\frac{1}{2}x^2y^4 + 2x^2y^2 + 2\frac{5}{6}x^2y^2 - 2x^2y^4 \quad -5\frac{9}{10}y^4x^2 + 4\frac{5}{6}y^2x^2 + 2\frac{5}{6}y^2$$

$$894) \frac{4}{7}y - 2\frac{5}{8}xy + 3\frac{3}{7}xy + 5\frac{1}{2}y - 1\frac{2}{3}x^3y^3 + 1\frac{1}{2}y + xy \quad -1\frac{2}{3}y^3x^3 + 1\frac{45}{56}yx + 7\frac{4}{7}y$$

$$895) 3\frac{1}{2}u^4 + \frac{1}{6}u^2v + \frac{2}{7}u^3 - 1\frac{2}{3}u^2v - 2\frac{5}{6}u^4 + 1\frac{6}{7}u^4 - 1\frac{1}{3}u^4v^3 \quad -1\frac{1}{3}u^4v^3 + 2\frac{11}{21}u^4 + \frac{2}{7}u^3 - 1\frac{1}{2}u^2v$$

$$896) \frac{3}{8}x^5y^2 + 3\frac{1}{4}x^4y^3 + 1\frac{5}{7}x^5y^2 - 1\frac{1}{8}x^5 - 2\frac{1}{2}x^4y^3 + \frac{2}{3}x^4y^3 + x^5 \quad 2\frac{5}{56}x^5y^2 + 1\frac{5}{12}x^4y^3 - \frac{1}{8}x^5$$

$$897) 5y - \frac{1}{3}x^5y^5 + \frac{1}{7}x^5y^4 - 1\frac{2}{3}y + 1\frac{3}{5}x^5y^5 + \frac{3}{4}x^5y^4 - 2\frac{1}{8}x^5y^5 - \frac{103}{120}y^5x^5 + \frac{25}{28}y^4x^5 + 3\frac{1}{3}y$$

$$898) 2\frac{3}{5}m^2n - m^4n^5 + \frac{1}{2}m^2n + 1\frac{1}{4}mn + \frac{2}{5}m^4n^2 + 1\frac{3}{8}m^4n^5 + \frac{3}{7}m^2n - \frac{3}{8}m^4n^5 + \frac{2}{5}m^4n^2 + 3\frac{37}{70}m^2n + 1\frac{1}{4}mn$$

$$899) 3\frac{1}{8}x^2y^5 - x^4y + \frac{6}{7}x^2y^5 - 1\frac{3}{4}x^4y + \frac{7}{8}y^3 + 3\frac{1}{2}x^4y - 2\frac{3}{5}x^2y^5 - 1\frac{107}{280}y^5x^2 + \frac{3}{4}yx^4 + \frac{7}{8}y^3$$

$$900) \frac{1}{5}a^2b^3 - 3\frac{4}{7}a^2b^4 + \frac{1}{5}a^2b^4 + \frac{5}{6}a^4b^2 - 1\frac{1}{4}a^2b + 2a^2b^3 - \frac{1}{4}a^2b^4 - 3\frac{87}{140}a^2b^4 + \frac{5}{6}a^4b^2 + 2\frac{1}{5}a^2b^3 - 1\frac{1}{4}a^2b$$

$$901) \left(2\frac{7}{12}u^2v - 3\frac{3}{7}\right) - \left(1\frac{3}{7}u^2v^5 - \frac{3}{11}u^2v + 5\frac{1}{2}\right) - \left(1\frac{1}{6} + 2\frac{3}{4}u^2v + \frac{1}{2}u^2v^5\right) - 1\frac{13}{14}u^2v^5 + \frac{7}{66}u^2v - 10\frac{2}{21}$$

$$902) \left(xy^5 - 3\frac{3}{7}y\right) - \left(1\frac{1}{2}y + 1\frac{1}{9}x^5y + \frac{3}{11}xy^5\right) - \left(2y - 1\frac{9}{10}xy^5 + 6\frac{1}{2}x^5y\right) - 2\frac{69}{110}y^5x - 7\frac{11}{18}yx^5 - 6\frac{13}{14}y$$

$$903) \left(1\frac{4}{5}xy^4 - 1\frac{6}{7}x^5\right) - \left(1\frac{3}{11}xy^4 - 1\frac{4}{5}x^3y^4 + 5\frac{1}{10}x^3y\right) - \left(1\frac{4}{5}x^3y^4 + \frac{1}{12}x^3y + 6\frac{1}{2}x^5\right) - \frac{29}{55}xy^4 - 8\frac{5}{14}x^5 - 5\frac{11}{60}x^3y$$

$$904) \left(\frac{1}{2}a^2b + 5\frac{2}{5}ab^4\right) - \left(\frac{8}{11}a^3 + 3\frac{1}{5}a^4b^2 + 5\frac{1}{2}ab^4\right) - \left(2a^4b^2 + 2\frac{1}{8}ab^4 - 11a^2b\right) - 5\frac{1}{5}a^4b^2 - 2\frac{9}{40}ab^4 - \frac{8}{11}a^3 + 11\frac{1}{2}$$

$$905) \left(1\frac{5}{6}x^2y^4 - 1\frac{1}{3}x^5\right) - \left(1\frac{1}{3}x^2 + 4\frac{1}{6}y^2 - 1\frac{1}{11}x^3\right) - \left(1\frac{1}{2}x^2 - 3y^2 - \frac{2}{3}x^2y^4\right) - 2\frac{1}{2}x^2y^4 - 1\frac{1}{3}x^5 + 1\frac{1}{11}x^3 - 1\frac{1}{6}y^2 - 2$$

$$906) \left(12x^5y + 1\frac{1}{5}x^3y^3\right) - \left(\frac{1}{6}x^2y^4 - \frac{3}{4}x^5y - 3\frac{2}{5}x^4y^5\right) - \left(1\frac{2}{5}x^2y^4 - 1\frac{5}{6}x^3y^3 + 1\frac{1}{4}x^5y\right) - 3\frac{2}{5}x^4y^5 + 3\frac{1}{30}x^3y^3 - 1\frac{17}{30}x^2$$

$$907) \left(\frac{6}{7}x^4 + 6\frac{1}{8}x^5y^5\right) - \left(5\frac{5}{12}x^4 - 2\frac{5}{8}x^2y^3 - \frac{4}{5}x^5y^5\right) - \left(\frac{8}{9}x^2y^3 - 4\frac{1}{3}x^5y^5 + \frac{6}{7}x^4\right) - 11\frac{31}{120}x^5y^5 + 1\frac{53}{72}x^2y^3 - 5\frac{5}{12}x^4$$

$$908) \left(uv^5 - \frac{1}{4}v^5\right) - \left(\frac{1}{6}u^3v^2 + 5\frac{2}{9}v^5 - \frac{4}{9}uv^5\right) - \left(1\frac{1}{3}v^5 + 1\frac{6}{7}uv^5 - 1\frac{3}{4}u^3v^2\right) - \frac{26}{63}v^5u - 6\frac{29}{36}v^5 + 1\frac{7}{12}v^2u^3$$

$$909) \left(1\frac{1}{2}x^2y^5 - 1\frac{3}{7}xy^5\right) - \left(2xy^5 + 6\frac{2}{3}x^3y^2 - 1\frac{2}{3}x^2y^5\right) - \left(12\frac{1}{6}x^3y^2 + 1\frac{11}{12}xy^5 - 2x^2\right) - 3\frac{1}{6}x^2y^5 - 5\frac{29}{84}xy^5 - 18\frac{5}{6}x^3y$$

$$910) \left(1\frac{4}{7} - 1\frac{1}{6}a^5b\right) - \left(\frac{1}{5}a^5b + 2\frac{1}{4} - a^4b^5\right) - \left(2\frac{1}{2} + \frac{1}{2}a^5b + \frac{3}{8}a^4b^5\right) \quad \frac{5}{8}a^4b^5 - 1\frac{13}{15}a^5b - 3\frac{5}{28}$$

$$911) \left(\frac{3}{4}x^4 + 5\frac{3}{7}x^2y^4\right) - \left(x^3y^5 - \frac{2}{5}x^2y^4 + 6\frac{1}{2}x^4\right) - \left(2\frac{1}{2}x^4 + 2\frac{8}{9}x^2y^4 + 3x^3y^5\right) \quad -4x^3y^5 + 2\frac{296}{315}x^2y^4 - 8\frac{1}{4}x^4$$

$$912) \left(1\frac{1}{8}m^5n^2 + 2m^5n^5\right) - \left(1\frac{1}{5}m^5n^5 - 2m - 1\frac{2}{3}m^2n^2\right) - \left(2\frac{4}{7}m^5n^4 + 2\frac{5}{7}m - m^2n^2\right) \quad \frac{4}{5}m^5n^5 - 2\frac{4}{7}m^5n^4 + 1\frac{1}{8}m^5n^2 + 2m - 1\frac{2}{3}m^2n^2 - 2\frac{4}{7}m^5n^4 - 2\frac{5}{7}m + m^2n^2$$

$$913) \left(3\frac{7}{10}a^5b^5 + \frac{3}{4}a^3\right) - \left(a^3 + 3\frac{1}{2}a^5b + 11a^5b^5\right) - \left(1\frac{2}{3}a + 5\frac{3}{10}a^5b - 1\frac{1}{3}a^5b^5\right) \quad -5\frac{29}{30}a^5b^5 - 8\frac{4}{5}a^5b - \frac{1}{4}a^3 - 1\frac{2}{3}a$$

$$914) \left(4\frac{1}{3}x^4y^5 + 1\frac{2}{3}x^3\right) - \left(2\frac{7}{9}x^4y^4 + \frac{1}{6}y^5 + x^4y^5\right) - \left(1\frac{7}{11}x^4y^4 + 5\frac{7}{9}x^3 + 6\frac{1}{5}y^5\right) \quad 3\frac{1}{3}x^4y^5 - 4\frac{41}{99}y^4x^4 - 6\frac{11}{30}y^5 - 4\frac{1}{9}y^5 - 5\frac{7}{9}x^3 - 6\frac{1}{5}y^5$$

$$915) \left(\frac{2}{3}a^4b^5 + 1\frac{7}{9}a^2b\right) - \left(\frac{1}{5}ab^4 - \frac{6}{11}a^2b^5 - 9a^4b^5\right) - \left(\frac{1}{3}ab^4 + 9a^2b - \frac{1}{3}a^2b^5\right) \quad 9\frac{2}{3}a^4b^5 + \frac{29}{33}a^2b^5 - \frac{8}{15}ab^4 - 7\frac{2}{9}a^2b - 9a^4b^5 - 9a^2b + \frac{1}{3}a^2b^5$$

$$916) \left(\frac{1}{2}x^2y^4 - 1\frac{3}{4}x^3\right) - \left(3\frac{2}{3}x^2y^4 - 1 - 2x^3\right) - \left(1\frac{7}{11} - 1\frac{3}{4}x^3 + \frac{1}{8}x^3y^2\right) \quad -3\frac{1}{6}x^2y^4 - \frac{1}{8}x^3y^2 + 2x^3 - \frac{7}{11}$$

$$917) \left(3\frac{1}{2}xy^3 - 3\frac{1}{6}x^3y^4\right) - \left(\frac{1}{2}x^3y^4 + 1\frac{5}{6}xy^3 + 3\frac{1}{2}y\right) - \left(1\frac{1}{3}y^3 + \frac{1}{12}xy^3 + 4\frac{5}{12}y\right) \quad -3\frac{2}{3}y^4x^3 + 1\frac{7}{12}y^3x - 1\frac{1}{3}y^3 - 7\frac{11}{12}y - 3\frac{1}{2}xy^3 - 3\frac{1}{6}x^3y^4 - \frac{1}{2}x^3y^4 - \frac{5}{6}xy^3 - 3\frac{1}{2}y - 1\frac{1}{3}y^3 - \frac{1}{12}xy^3 - 4\frac{5}{12}y$$

$$918) \left(\frac{6}{11}u^5 - 1\frac{1}{4}v^2\right) - \left(4\frac{3}{5}v^2 - 1\frac{7}{8}v^3 - 8u^5\right) - \left(3\frac{3}{5}u^5 - 2\frac{2}{3}u^2v^5 - 1\frac{1}{4}v^3\right) \quad 2\frac{2}{3}u^2v^5 + 4\frac{52}{55}u^5 + 3\frac{1}{8}v^3 - 5\frac{17}{20}v^2 - 4\frac{3}{5}v^2 + 1\frac{7}{8}v^3 + 8u^5 - 3\frac{3}{5}u^5 + 2\frac{2}{3}u^2v^5 + 1\frac{1}{4}v^3$$

$$919) \left(x + 1\frac{3}{4}x^2y^5\right) - \left(\frac{1}{6}x^4y + 2\frac{5}{7}y^5 - 1\frac{1}{4}x^2y^5\right) - \left(\frac{1}{2}x^4y^2 - 1\frac{1}{4}x - 2x^2y^5\right) \quad 5x^2y^5 - \frac{1}{2}x^4y^2 - \frac{1}{6}yx^4 - 2\frac{5}{7}y^5 + 2\frac{1}{4}x - x - 1\frac{3}{4}x^2y^5 - \frac{1}{6}x^4y - 2\frac{5}{7}y^5 + 1\frac{1}{4}x^2y^5 - \frac{1}{2}x^4y^2 + 1\frac{1}{4}x - 2x^2y^5$$

$$920) \left(2\frac{1}{6}x^2y^5 + xy^5\right) - \left(1\frac{5}{12}y^5 - 2\frac{9}{10}x^2y^5 + 2xy^5\right) - \left(xy^5 - y^5 + \frac{1}{2}x^2y^5\right) \quad 4\frac{17}{30}y^5x^2 - 2y^5x - \frac{5}{12}y^5 - 1\frac{5}{12}y^5 + 2\frac{9}{10}x^2y^5 - 2xy^5 - xy^5 + y^5 - \frac{1}{2}x^2y^5$$

$$921) \left(1\frac{5}{6}x^3y^5 + 6\frac{3}{8}y\right) - \left(5\frac{7}{9}x^4y + 1\frac{7}{11}x^5y^5 + x^3y^5\right) - \left(2\frac{7}{12}x^4y + 2\frac{4}{11}x^4y^2 + x^3y^5\right) \quad -1\frac{7}{11}y^5x^5 - \frac{1}{6}y^5x^3 - 2\frac{4}{11}y^2x^3 - 1\frac{5}{6}x^3y^5 - 6\frac{3}{8}y - 5\frac{7}{9}x^4y - 1\frac{7}{11}x^5y^5 - x^3y^5 - 2\frac{7}{12}x^4y - 2\frac{4}{11}x^4y^2 - x^3y^5$$

$$922) \left(\frac{1}{8}mn - m^2n^4\right) - \left(\frac{5}{7}n^5 + 4\frac{3}{4}mn - 1\frac{1}{5}m^2n^4\right) - \left(1\frac{1}{5}mn + 5\frac{8}{9}m^2n^4 + 5\frac{3}{5}n^5\right) \quad -5\frac{31}{45}n^4m^2 - 6\frac{11}{35}n^5 - 5\frac{33}{40}nm - \frac{1}{8}mn + m^2n^4 - \frac{5}{7}n^5 - 4\frac{3}{4}mn + 1\frac{1}{5}m^2n^4 - 1\frac{1}{5}mn - 5\frac{8}{9}m^2n^4 - 5\frac{3}{5}n^5$$

$$923) \left(1\frac{1}{9}ab + 2\frac{1}{2}a^5b^5\right) - \left(6\frac{5}{12}ab + 1\frac{1}{2}a^5b^5 + 1\frac{3}{4}a^2b^5\right) - \left(6\frac{1}{3}a^2b^5 + \frac{1}{3}a^5b^5 - \frac{1}{3}ab\right) \quad \frac{2}{3}a^5b^5 - 8\frac{1}{12}a^2b^5 - 4\frac{35}{36}ab$$

$$924) \left(1\frac{1}{8}x^4y^3 + x^2y^5\right) - \left(11x^3y^3 + \frac{7}{12}x^4y^3 + 5\frac{4}{7}\right) - \left(\frac{1}{6}x^2y^5 + 1\frac{1}{7}x^3y^3 + 5\frac{3}{4}x^4y^3\right) \quad \frac{5}{6}x^2y^5 - 5\frac{5}{24}x^4y^3 - 12\frac{1}{7}x^3y^3 -$$

$$925) \left(6\frac{7}{10}xy^4 - 2\frac{7}{10}x^5y^2\right) - \left(6\frac{1}{2}x^4y^4 - 2\frac{3}{7}xy^5 + x^5y^2\right) - \left(\frac{1}{6}x^5y^2 + 4\frac{7}{12}x^4y^4 + 1\frac{1}{3}xy^5\right) \quad -11\frac{1}{12}x^4y^4 - 3\frac{13}{15}x^5y^2 +$$

$$926) \left(\frac{2}{5}xy^5 - \frac{3}{8}x^4y^5\right) - \left(4\frac{7}{10}x^4y^5 + 4\frac{2}{3}xy^5 + \frac{2}{5}x^2y^4\right) - \left(x^2y^5 - 1\frac{5}{9}x^2y^4 + 5\frac{5}{6}x^4y^5\right) \quad -10\frac{109}{120}x^4y^5 - x^2y^5 + 1\frac{7}{45}x^2y^4$$

$$927) \left(3\frac{2}{11}a^5b^5 - \frac{2}{3}a^2\right) - \left(2\frac{3}{10}a^2 + 5\frac{6}{7}b^4 - \frac{1}{4}a^4b^5\right) - \left(a^4b^5 - 4a^4 + \frac{5}{6}a^5b^5\right) \quad 2\frac{23}{66}a^5b^5 - \frac{3}{4}a^4b^5 - 5\frac{6}{7}b^4 + 4a^4 - 2\frac{2}{3}a^2$$

$$928) \left(1\frac{2}{5}x^2y + 6\frac{7}{8}x^3y^2\right) - \left(3\frac{1}{2}x^5y^5 - 3\frac{1}{2}xy^5 + 5\frac{8}{9}x^3y^2\right) - \left(2x^3y^2 + 1\frac{5}{8}xy^5 + 1\frac{3}{11}x^5y^5\right) \quad -4\frac{17}{22}x^5y^5 + 1\frac{7}{8}xy^5 - 1\frac{1}{7}x^3y^2$$

$$929) \left(8x^2 + \frac{1}{3}xy\right) - \left(1\frac{1}{8}xy^4 - 1\frac{4}{5}x^2 + 2\frac{1}{6}x^3\right) - \left(6\frac{1}{7}x^2 - xy + 6x^3\right) \quad -1\frac{1}{8}xy^4 - 8\frac{1}{6}x^3 + 3\frac{23}{35}x^2 + 1\frac{1}{3}xy$$

$$930) \left(6\frac{1}{4}m^5n^5 + 1\frac{3}{5}m^5\right) - \left(1\frac{1}{6}m^5n^5 + 4\frac{9}{10}m^5 + 2\frac{1}{2}mn^3\right) - \left(6\frac{2}{9}m^5 - \frac{1}{8}mn^3 + 1\frac{9}{11}m^5n^5\right) \quad 3\frac{35}{132}m^5n^5 - 9\frac{47}{90}m^5 - 2\frac{1}{2}mn^3$$

$$931) \left(12a^4b^2 + 5\frac{3}{5}a^2b^2\right) - \left(4\frac{7}{10}a^4b^5 + \frac{1}{5}a^3b^3 - 1\frac{6}{11}a^3b^4\right) - \left(\frac{7}{9}a^3b^3 - 2\frac{5}{12}a^2b^2 - 1\frac{1}{6}a^4b^2\right) \quad -4\frac{7}{10}a^4b^5 + 1\frac{6}{11}a^3b^4$$

$$932) \left(6\frac{4}{9}x^3y + 4\frac{1}{6}y^2\right) - \left(6\frac{9}{10}y^4 - 3\frac{2}{7}x^3y - 11\frac{7}{10}y^2\right) - \left(\frac{1}{2}x^3y + 4\frac{5}{7}y^2 - 11y^4\right) \quad 9\frac{29}{126}yx^3 + 4\frac{1}{10}y^4 + 11\frac{16}{105}y^2$$

$$933) \left(2y^4 + 1\frac{10}{11}x^4y^5\right) - \left(\frac{7}{10}x^3y^4 + \frac{8}{11}x^4y^5 - 2x^4y\right) - \left(4\frac{7}{8}x^3y^4 + 2\frac{2}{11}y^4 + 3\frac{5}{7}x^4y\right) \quad 1\frac{2}{11}y^5x^4 - 5\frac{23}{40}y^4x^3 - 1\frac{5}{7}yx^4$$

$$934) \left(\frac{1}{6}x^2y^5 + 1\frac{7}{12}y^4\right) - \left(4\frac{11}{12}x^4y^4 + 3\frac{1}{4}x^2y^5 + \frac{2}{3}y^4\right) - \left(\frac{7}{8}x^4y^4 + 7x^2y^5 + 4\frac{1}{5}y^4\right) \quad -5\frac{19}{24}y^4x^4 - 10\frac{1}{12}y^5x^2 - 3\frac{17}{60}y^4$$

$$935) \left(\frac{3}{4}x^3y^4 + 6\frac{10}{11}x^2\right) - \left(6\frac{1}{4}x^3y^4 + 4\frac{11}{12}x^2 + 3\frac{8}{9}x^5y^2\right) - \left(1\frac{2}{9}x^5y^2 - \frac{7}{9}xy^3 + 1\frac{1}{4}xy^4\right) \quad -5\frac{1}{2}x^3y^4 - 5\frac{1}{9}x^5y^2 - 1\frac{1}{4}xy^4$$

$$936) \left(1\frac{1}{2}u^5v - 8\frac{2}{3}uv\right) - \left(\frac{5}{7}uv + 1\frac{2}{3}u^5v + \frac{1}{4}u^3v^5\right) - \left(4\frac{5}{6}u^3v^5 - \frac{3}{11}u^5v - 3\frac{1}{5}uv\right) \quad -5\frac{1}{12}u^3v^5 + \frac{7}{66}u^5v - 6\frac{19}{105}uv$$

$$937) \left(1\frac{1}{6}a^2b^4 + 6\frac{1}{12}a^5b^2\right) - \left(\frac{3}{10}a^2b^4 - ab^4 - 1\frac{1}{5}a^5b^2\right) - \left(a^5b^2 + \frac{4}{5}a^3b^3 + \frac{4}{9}ab^4\right) \quad 6\frac{17}{60}a^5b^2 + \frac{13}{15}a^2b^4 - \frac{4}{5}a^3b^3 + \frac{5}{9}ab^4$$

$$938) \left(4\frac{1}{4}y^4 + 1\frac{5}{8}x^5\right) - \left(\frac{5}{6}x^4y^5 - 1\frac{1}{2}x^5 - 1\frac{3}{4}y^3\right) - \left(5\frac{1}{12}y^3 - 2x^4y^5 + 1\frac{2}{9}y^4\right) \quad 1\frac{1}{6}x^4y^5 + 3\frac{1}{8}x^5 + 3\frac{1}{36}y^4 - 3\frac{1}{3}y^3$$

$$939) \left(5\frac{10}{11}x^5y^3 + 12x^5y^5\right) - \left(4\frac{5}{7}x^5y^3 - 5x^5 - \frac{1}{2}x^5y^5\right) - \left(\frac{3}{4}x^5y^5 - 1\frac{3}{4}x^5 - \frac{9}{10}x^5y^3\right) \quad 11\frac{3}{4}x^5y^5 + 2\frac{73}{770}x^5y^3 + 6\frac{3}{4}x^5$$

$$940) \left(\frac{5}{6}x^2 + 1\frac{1}{9}x\right) - \left(1\frac{1}{9}y^4 - 3\frac{1}{4}x^5y^3 - \frac{3}{5}x\right) - \left(1\frac{1}{4}y^4 - 1\frac{1}{6}x^2 + \frac{8}{9}x^5y^3\right) \quad 2\frac{13}{36}y^3x^5 - 2\frac{13}{36}y^4 + 2x^2 + 1\frac{32}{45}x$$

$$941) \left(1\frac{7}{10}x^5y^4 + 6\frac{5}{6}xy^4\right) - \left(6\frac{1}{4}xy^4 + 6\frac{1}{4}x^5y^4 - \frac{1}{2}x^3y^5\right) - \left(1\frac{3}{4}x^3y^5 + \frac{1}{5}xy^4 + 4\frac{1}{6}x^5y^4\right) \quad -8\frac{43}{60}x^5y^4 - 1\frac{1}{4}x^3y^5 + \frac{23}{60}xy^4$$

$$942) \left(6\frac{1}{6}mn^2 + 1\frac{1}{2}m^3n\right) - \left(2m^5n^4 + 2\frac{5}{11}m^3n - \frac{2}{5}m^5n^2\right) - \left(\frac{4}{5}m^3n + 7\frac{2}{7}mn^2 - 2\frac{3}{7}m^5n^2\right) \quad -2m^5n^4 + 2\frac{29}{35}m^5n^2 - 1\frac{8}{11}m^3n$$

$$943) \left(1\frac{4}{7}u^2v^4 + u^3v^5\right) - \left(4\frac{1}{4}u^2v^4 + \frac{7}{9}u^3v^5 - \frac{1}{10}u^4v^3\right) - \left(6\frac{3}{5}u^2v^4 + 9\frac{2}{7}u^4v^3 - 1\frac{1}{2}u^3v^5\right) \quad 1\frac{13}{18}u^3v^5 - 9\frac{13}{70}u^4v^3 - 9\frac{1}{10}u^2v^4$$

$$944) \left(4\frac{1}{3}x^4y^3 + \frac{1}{4}y\right) - \left(12\frac{4}{5}x^4y - \frac{1}{4}x^4y^3 - 3\frac{1}{2}y\right) - \left(y - 2\frac{11}{12}x^4y - 9\frac{5}{6}x^4y^3\right) \quad 14\frac{5}{12}y^3x^4 - 9\frac{53}{60}yx^4 + 2\frac{3}{4}y$$

$$945) \left(1\frac{3}{11}ab^3 + 2ab\right) - \left(1\frac{1}{5}a^5 + \frac{1}{2}ab - 4ab^3\right) - \left(1\frac{2}{3}ab + 5\frac{6}{7}ab^3 + 4\frac{5}{8}a^5\right) \quad -5\frac{33}{40}a^5 - \frac{45}{77}ab^3 - \frac{1}{6}ab$$

$$946) \left(1\frac{5}{6}x^3y^4 - 2\frac{2}{3}xy^3\right) - \left(\frac{7}{9}xy^2 + \frac{1}{4}xy^5 - 3\frac{5}{6}x^3y^4\right) - \left(\frac{4}{5}xy^2 + 2xy^3 - 1\frac{1}{12}x^2\right) \quad 5\frac{2}{3}x^3y^4 - \frac{1}{4}xy^5 - 4\frac{2}{3}xy^3 - 1\frac{26}{45}xy^2$$

$$947) \left(2x^3y^5 - \frac{2}{3}x\right) - \left(\frac{7}{9}x^3y^5 + \frac{5}{8}xy^3 - 9\frac{1}{8}y^5\right) - \left(1\frac{3}{7}x^3y^5 - 4x - \frac{3}{5}xy^3\right) \quad -\frac{13}{63}x^3y^5 + 9\frac{1}{8}y^5 - \frac{1}{40}y^3x + 3\frac{1}{3}x$$

$$948) \left(m^3n - \frac{2}{3}m^4n^5\right) - \left(\frac{6}{7}m^4n^2 + 1\frac{1}{10}m^4n^5 - \frac{7}{9}m^3n\right) - \left(1\frac{1}{4}m^4n^2 + 1\frac{3}{5}m^4n^5 - 2\frac{1}{6}n^3\right) \quad -3\frac{11}{30}n^5m^4 - 2\frac{3}{28}n^2m^4 + 1\frac{1}{9}m^3n$$

$$949) \left(x^4y^4 + 1\frac{1}{5}x^2y^2\right) - \left(x^2y^2 + 2\frac{1}{2}x^2 + 1\frac{5}{11}x^4y^4\right) - \left(x^3y^2 + 5\frac{1}{9}x^2y^2 + 6\frac{3}{8}x^2\right) - \frac{5}{11}x^4y^4 - x^3y^2 - 4\frac{41}{45}x^2y^2 - 8\frac{7}{8}$$

$$950) \left(6x^5y^4 + \frac{2}{5}x^4y^2\right) - \left(4\frac{1}{6}xy^4 - x^5y^2 - 1\frac{6}{11}y\right) - \left(\frac{3}{5}x^4y^2 + 1\frac{9}{10}y - \frac{1}{2}xy^4\right) 6y^4x^5 + y^2x^5 - \frac{1}{5}y^2x^4 - 3\frac{2}{3}y^4x - \frac{39}{110}$$

$$951) \left(1\frac{1}{11}b^3 + 4\frac{7}{10}b\right) - \left(1\frac{1}{2}b - 1\frac{9}{10}b^3 - 3\frac{1}{11}\right) - \left(2\frac{1}{6}b^5 + \frac{2}{9} + \frac{1}{2}b^3\right) - 2\frac{1}{6}b^5 + 2\frac{27}{55}b^3 + 3\frac{1}{5}b + 2\frac{86}{99}$$

$$952) \left(4\frac{1}{4} - 2x^5y\right) - \left(5\frac{1}{3}xy^2 + \frac{4}{9} + \frac{1}{4}x^5y\right) - \left(4\frac{5}{6}x^3y^3 - 1\frac{3}{4}x + 1\frac{7}{12}\right) - 2\frac{1}{4}x^5y - 4\frac{5}{6}x^3y^3 - 5\frac{1}{3}xy^2 + 1\frac{3}{4}x + 2\frac{2}{9}$$

$$953) \left(1\frac{1}{2}x^5y^3 + \frac{2}{7}xy^3\right) - \left(1\frac{8}{9}y^4 + 2\frac{3}{7}x^3y^4 - 1\frac{2}{11}x^4y^4\right) - \left(\frac{1}{3}xy^3 + 2\frac{3}{7}y^4 - \frac{3}{7}x^3y^4\right) 1\frac{1}{2}y^3x^5 + 1\frac{2}{11}y^4x^4 - 2y^4x^3 - 4$$

$$954) \left(\frac{3}{10}x^2y^4 - \frac{2}{7}x^4y^4\right) - \left(4\frac{4}{5}x^4y^4 + 1\frac{1}{2}x^2y^3 + 5\frac{3}{10}y^2\right) - \left(9x^2y^3 + 3\frac{5}{12}x^2y^4 - 1\frac{4}{9}x^4y^4\right) - 3\frac{202}{315}y^4x^4 - 3\frac{7}{60}y^4x^2 -$$

$$955) \left(1\frac{1}{2}x^2y - 1\frac{3}{8}x^2\right) - \left(3\frac{7}{10}x^2 + 6\frac{1}{5}x^2y - 3\frac{3}{4}y^3\right) - \left(\frac{4}{9}x^2y - 1\frac{1}{5}y^3 + 5\frac{1}{2}x^2\right) - 5\frac{13}{90}x^2y + 4\frac{19}{20}y^3 - 10\frac{23}{40}x^2$$

$$956) \left(2\frac{1}{2}m^2n^2 - 1\frac{1}{3}m^5n^5\right) - \left(1\frac{1}{2}m^2n^2 + \frac{1}{4}m^5n^5 + 5\frac{3}{4}n^2\right) - \left(1\frac{1}{3}m^2n^2 - 1\frac{1}{12}m^5n^5 - n^2\right) - \frac{1}{2}n^5m^5 - \frac{1}{3}n^2m^2 - 4\frac{3}{4}n$$

$$957) \left(3\frac{5}{6}m^3n^5 - 4m^4n\right) - \left(\frac{5}{6}m^4n + 5\frac{3}{8}m^3n^5 + 5\frac{4}{9}m^3n^4\right) - \left(1\frac{3}{4}m^4n + m^3n^5 - \frac{4}{5}m^3n^4\right) - 2\frac{13}{24}m^3n^5 - 4\frac{29}{45}m^3n^4 - 6$$

$$958) \left(2\frac{2}{11}u + 5\frac{1}{3}u^5v^3\right) - \left(3\frac{4}{9}u^5v^3 - 3\frac{1}{10}u^4v^5 - 1\frac{2}{9}u\right) - \left(1\frac{1}{2}u + 1\frac{3}{7}uv^4 + 1\frac{4}{5}u^4v^5\right) 1\frac{3}{10}u^4v^5 + 1\frac{8}{9}u^5v^3 - 1\frac{3}{7}uv^4 +$$

$$959) \left(1\frac{8}{9}u^3v^2 + \frac{5}{7}u^2v^4\right) - \left(1\frac{3}{11}v^3 - 2\frac{5}{8}u^2v^5 - 1\frac{5}{12}u^3v^2\right) - \left(4\frac{1}{6}v^5 - 1\frac{2}{3}u^2v^5 + 1\frac{3}{4}v^3\right) 4\frac{7}{24}v^5u^2 + \frac{5}{7}v^4u^2 + 3\frac{11}{36}v^2$$

$$960) \left(\frac{2}{9}x^5y^3 + 6\frac{2}{3}\right) - \left(2\frac{1}{12}x^2y^3 + \frac{3}{4}y^3 + 5\frac{1}{12}\right) - \left(2\frac{7}{12}x^2y^3 + 4\frac{2}{7}y^3 - 10x^5y^3\right) 10\frac{2}{9}x^5y^3 - 4\frac{2}{3}y^3x^2 - 5\frac{1}{28}y^3 + 1\frac{7}{12}$$

$$961) \left(2\frac{4}{5}x^2y^2 + 5\frac{1}{7}x^4y^2\right) - \left(2y^5 - 11x^3 - 2\frac{5}{9}x^2y^2\right) - \left(6\frac{1}{3}x^4y^2 + 5\frac{3}{5}x^2y^2 + \frac{7}{9}xy^3\right) - 1\frac{4}{21}x^4y^2 - 2y^5 - \frac{11}{45}x^2y^2 - \frac{7}{9}$$

$$962) \left(1\frac{2}{3}xy^3 - 3\frac{1}{6}x^5y^3\right) - \left(2\frac{1}{2}x^5y^3 + 4\frac{4}{5}y^2 + 5\frac{1}{2}xy^3\right) - \left(\frac{5}{9}y + 6\frac{7}{10}x^5y^3 + \frac{1}{2}y^2\right) \quad -12\frac{11}{30}y^3x^5 - 3\frac{5}{6}y^3x - 5\frac{3}{10}y^2 - \dots$$

$$963) \left(2\frac{3}{8}a^5b^2 + 1\frac{3}{5}b^2\right) - \left(1\frac{4}{5}a^5b^3 + a^5b^2 + 6\frac{1}{8}a^3b\right) - \left(5\frac{1}{12}a^3b - 1\frac{1}{2}a^5b^2 + 3\frac{7}{12}a^4b^3\right) \quad -1\frac{4}{5}b^3a^5 + 2\frac{7}{8}b^2a^5 - 3\frac{7}{12}a^4b^3$$

$$964) \left(5\frac{2}{3}x^3 + \frac{4}{7}x^5\right) - \left(3\frac{1}{7}x^5 + \frac{1}{9}x^2y^3 - 1\frac{1}{2}x^2y^2\right) - \left(\frac{1}{5}x^3 + \frac{4}{5}x^2y^3 + \frac{2}{9}x^2y^2\right) \quad -2\frac{4}{7}x^5 - \frac{41}{45}x^2y^3 + 1\frac{5}{18}x^2y^2 + 5\frac{7}{15}x^3$$

$$965) \left(\frac{1}{10}x^3y^4 - 1\frac{7}{12}x^4y^3\right) - \left(6\frac{2}{7}x^3y^4 + 4\frac{5}{6}x^5y^2 - 1\frac{4}{7}x^4y^3\right) - \left(1\frac{7}{11}x^5y^2 + 6\frac{1}{3}x^3y^4 - 3\frac{1}{2}x\right) \quad -12\frac{109}{210}x^3y^4 - \frac{1}{84}x^4y^3$$

$$966) \left(1\frac{3}{8}m^2n^3 - 12\frac{7}{9}n\right) - \left(\frac{1}{2}m^2n^3 + 2mn^4 + 1\frac{1}{3}n\right) - \left(1\frac{5}{6}m^2n^3 - 1\frac{9}{11}mn^4 + 1\frac{4}{9}n\right) \quad -\frac{23}{24}n^3m^2 - \frac{2}{11}n^4m - 15\frac{5}{9}n$$

$$967) \left(\frac{1}{4}u^5v - 3v^5\right) - \left(\frac{1}{4}u^5v + 5u^4v + 4\frac{8}{9}v^5\right) - \left(4\frac{7}{10}v^5 + 6\frac{7}{12}u^4v + 2\frac{5}{9}u^5v\right) \quad -3\frac{5}{9}vu^5 - 12\frac{53}{90}v^5 - 11\frac{7}{12}vu^4$$

$$968) \left(\frac{5}{8}u^4v^2 - 1\frac{7}{8}uv^3\right) - \left(5\frac{2}{5}uv^3 + 8u^4v^2 - 1\frac{1}{2}u^4\right) - \left(9uv^3 + 1\frac{1}{11}u^4v^2 + \frac{5}{6}u^4\right) \quad -8\frac{41}{88}u^4v^2 - 16\frac{11}{40}uv^3 + \frac{2}{3}u^4$$

$$969) \left(\frac{1}{2}x^3y^3 + \frac{2}{7}y^4\right) - \left(5\frac{2}{3}xy^3 + \frac{5}{12}y^4 - 2\frac{6}{7}x^3y^3\right) - \left(1\frac{1}{5}y^4 - \frac{2}{3}x^3y^3 - 1\frac{4}{11}x^4y^5\right) \quad 1\frac{4}{11}y^5x^4 + 4\frac{1}{42}y^3x^3 - 5\frac{2}{3}y^3x - \dots$$

$$970) \left(6\frac{6}{7}b^5 + \frac{5}{8}a^5b^3\right) - \left(1\frac{7}{8}b^5 + 7a^5b^3 - 2\frac{7}{11}a^3b^2\right) - \left(3\frac{7}{8}b^5 - 1\frac{1}{6}a^3b^2 - 1\frac{1}{6}a^5b^3\right) \quad -5\frac{5}{24}b^3a^5 + 1\frac{3}{28}b^5 + 3\frac{53}{66}b^2a$$

$$971) \left(2\frac{1}{6}m^2n^2 - 3\frac{1}{6}m^4n^4\right) - \left(1\frac{1}{2}m^5n^4 - 2\frac{1}{12}m^5n + \frac{1}{2}m^2n^2\right) - \left(\frac{1}{2}m^2n^2 + \frac{1}{2}m^2n + 1\frac{3}{4}m^5n\right) \quad -1\frac{1}{2}m^5n^4 - 3\frac{1}{6}m^4n^4 + \dots$$

$$972) \left(6\frac{11}{12}xy^2 - 1\frac{1}{3}y\right) - \left(5\frac{1}{7}xy^4 + xy^2 + 5\frac{1}{4}y\right) - \left(\frac{2}{7}y + 1\frac{2}{5}xy^4 - 3\frac{7}{8}xy^2\right) \quad -6\frac{19}{35}y^4x + 9\frac{19}{24}y^2x - 6\frac{73}{84}y$$

$$973) \left(\frac{1}{2}xy^5 + 1\frac{1}{2}y^2\right) - \left(4\frac{5}{11} - 1\frac{1}{8}xy^5 + 6\frac{6}{11}y^2\right) - \left(1\frac{1}{2}y^2 - 6xy^5 + 1\frac{5}{9}x^4y\right) \quad 7\frac{5}{8}y^5x - 1\frac{5}{9}yx^4 - 6\frac{6}{11}y^2 - 4\frac{5}{11}$$

$$974) \left(5\frac{1}{3}x^2y^3 + y^4\right) - \left(6\frac{1}{3}xy^4 + 2\frac{1}{4}y^2 + 5\frac{1}{2}x^2y^3\right) - \left(1\frac{5}{6}y^2 + 4\frac{1}{4}xy^4 + 2\frac{1}{4}y^4\right) \quad -\frac{1}{6}y^3x^2 - 10\frac{7}{12}y^4x - 1\frac{1}{4}y^4 - 4\frac{1}{12}y$$



$$975) \left(1\frac{3}{10}x^4y^4 - 2\frac{1}{2}x^3y\right) - \left(10x^4y^4 - 9\frac{1}{6}x^3y + 5\frac{7}{11}x^2y^4\right) - \left(4\frac{3}{4}x^2y^4 + 1\frac{1}{7}x^4y^2 + xy^5\right) \quad -8\frac{7}{10}x^4y^4 - 10\frac{17}{44}x^2y^4 - \dots$$

$$976) \left(5\frac{8}{11}u^4v^4 + 6\frac{1}{7}u^2v^2\right) - \left(1\frac{5}{7}u^4v^4 + u^2v^2 + u^5\right) - \left(1\frac{1}{5}u^5 - 9u^4v^4 + 6\frac{2}{3}u^2v^2\right) \quad 13\frac{1}{77}u^4v^4 - 2\frac{1}{5}u^5 - 1\frac{11}{21}u^2v^2$$

$$977) \left(5\frac{4}{5}n + 1\frac{4}{9}m^3n^2\right) - \left(2mn^3 - \frac{2}{3}m + \frac{5}{6}m^2n^2\right) - \left(4m^3n^2 + 3\frac{7}{10}m + 1\frac{1}{5}mn^3\right) \quad -2\frac{5}{9}n^2m^3 - 3\frac{1}{5}mn^3 - \frac{5}{6}m^2n^2 - 3\frac{1}{30}$$

$$978) \left(\frac{8}{9}u^3v^3 + 1\frac{2}{3}u^2v^2\right) - \left(\frac{1}{3}u^3v^4 - 1\frac{2}{7}u^3v^3 + 1\frac{2}{3}u^2v^2\right) - \left(\frac{2}{9}u^3v - 1\frac{8}{9}u^3v^3 + 1\frac{3}{4}u^5v^5\right) \quad -1\frac{3}{4}u^5v^5 - \frac{1}{3}u^3v^4 + 4\frac{4}{63}u$$

$$979) \left(\frac{5}{7}x^5y^2 + \frac{4}{5}x^3y\right) - \left(1\frac{3}{4}x^5y^2 + \frac{2}{7}x^3y + 6\frac{2}{3}x^5y\right) - \left(\frac{1}{6}x^3y + 2\frac{1}{9}x^5y^2 + 1\frac{1}{4}x^5y\right) \quad -3\frac{37}{252}x^5y^2 - 7\frac{11}{12}x^5y + \frac{73}{210}x^3y$$

$$980) \left(2\frac{1}{4}b^5 - 2\frac{1}{6}a^2b\right) - \left(12\frac{2}{3}b^5 + \frac{5}{6}a^4b^3 + 4\frac{2}{11}a^2b\right) - \left(1\frac{4}{7}b^5 + 6\frac{5}{6}a^2b - 1\frac{2}{3}a^4b^3\right) \quad \frac{5}{6}b^3a^4 - 11\frac{83}{84}b^5 - 13\frac{2}{11}ba^2$$

$$981) \left(1\frac{1}{3}y + x^4y^4\right) - \left(10\frac{1}{2}x^4 + 3\frac{2}{9}y + 2\frac{5}{8}x^4y^4\right) - \left(4\frac{5}{6}x^4 + 1\frac{4}{11}x^4y^4 + \frac{2}{3}y\right) \quad -2\frac{87}{88}y^4x^4 - 15\frac{1}{3}x^4 - 2\frac{5}{9}y$$

$$982) \left(1\frac{4}{11}x^3y + 6\frac{3}{8}x^2y^4\right) - \left(1\frac{1}{2}x^5y^3 + 5\frac{11}{12}x^3y + \frac{5}{12}x^2y^4\right) - \left(\frac{3}{8}x^5y^3 + 4\frac{3}{5}x^2y^2 - x^3y\right) \quad -1\frac{7}{8}x^5y^3 + 5\frac{23}{24}x^2y^4 - 3\frac{7}{13}$$

$$983) \left(2v^2 + 6\frac{1}{5}u^5v^3\right) - \left(5\frac{1}{2}v^2 - 2\frac{9}{10}u^5v^3 - 1\frac{1}{4}uv^2\right) - \left(u^3v^2 - 3u^3v^3 - 1\frac{5}{6}v^2\right) \quad 9\frac{1}{10}v^3u^5 + 3v^3u^3 - v^2u^3 + 1\frac{1}{4}v^2u - \dots$$

$$984) \left(4\frac{2}{3}x^5y^2 - 3\frac{11}{12}x^2y^5\right) - \left(x^3y^2 - \frac{1}{8}x^4y^5 - 3\frac{5}{6}x^2y^5\right) - \left(4\frac{5}{8}x^5y^2 - 1\frac{3}{10}x^4y^5 + \frac{2}{3}x^3y^2\right) \quad 1\frac{17}{40}x^4y^5 - \frac{1}{12}x^2y^5 + \frac{1}{24}$$

$$985) \left(5\frac{1}{6}a + 3\frac{7}{11}a^3b^5\right) - \left(\frac{3}{10}ab^2 + 6\frac{1}{9}a^5b^4 - 1\frac{2}{3}a\right) - \left(11\frac{11}{12}ab^2 - \frac{1}{2}a^5b^4 + 5\frac{1}{4}a\right) \quad -5\frac{11}{18}a^5b^4 + 3\frac{7}{11}a^3b^5 - 12\frac{13}{60}ab$$

$$986) \left(\frac{4}{5}x^2y - \frac{1}{4}x^5y^5\right) - \left(\frac{5}{7}x^4y + 5\frac{5}{7}x^2y + 1\frac{4}{5}x^5y^5\right) - \left(5\frac{5}{6}x^2y + x^4y^5 + 2x^4y\right) \quad -2\frac{1}{20}x^5y^5 - x^4y^5 - 2\frac{5}{7}x^4y - 10\frac{157}{210}x$$

$$987) \left(y^4 - \frac{1}{12}x^2y^5\right) - \left(5\frac{1}{5}x^2y^5 + 1\frac{4}{11}y^4 + \frac{3}{8}x^4y\right) - \left(5x^4y - 1\frac{5}{7}x^2y^5 - 1\frac{7}{11}y^4\right) \quad -3\frac{239}{420}y^5x^2 - 5\frac{3}{8}yx^4 + 1\frac{3}{11}y^4$$

$$988) \left( 11m^2n^3 - 2\frac{2}{11}m^2 \right) - \left( \frac{3}{4}m^2 - \frac{7}{10}m^4n^2 + 5\frac{7}{9}m^2n^3 \right) - \left( m^2n^3 + 1\frac{5}{7}m^2 - 2\frac{3}{5}m^4n^2 \right) \quad 3\frac{3}{10}m^4n^2 + 4\frac{2}{9}m^2n^3 - 4\frac{19}{30}$$

$$989) \left( \frac{8}{9}n^3 + 2\frac{2}{3}m^4n^4 \right) - \left( 2\frac{1}{2}n^3 + 1\frac{7}{10}m^4n + 3\frac{1}{10}m^4n^4 \right) - \left( \frac{1}{6}n^3 - m^4n + 2m^4n^4 \right) \quad -2\frac{13}{30}n^4m^4 - \frac{7}{10}nm^4 - 1\frac{7}{9}n^3$$

$$990) \left( 1\frac{1}{3}x^5y + 2x^3 \right) - \left( 3\frac{1}{6}x^5y - 3\frac{4}{9}xy + \frac{1}{6}x^3 \right) - \left( 4\frac{1}{2}xy - \frac{1}{6}x^5y - 3\frac{1}{12}x^3 \right) \quad -1\frac{2}{3}x^5y + 4\frac{11}{12}x^3 - 1\frac{1}{18}xy$$

$$991) \left( 4\frac{7}{12}x^4 - 2\frac{1}{2}x^4y^4 \right) - \left( 5\frac{3}{11}y^2 + 2x^4y^4 + 4\frac{5}{12}x^4 \right) - \left( 3\frac{1}{2}x + 1\frac{3}{4}x^4y^4 - 1\frac{1}{6}x^4 \right) \quad -6\frac{1}{4}x^4y^4 + 1\frac{1}{3}x^4 - 5\frac{3}{11}y^2 - 3\frac{1}{2}$$

$$992) \left( 2xy - \frac{2}{3}x^3y^5 \right) - \left( 1\frac{4}{7}x^5y^3 - 1\frac{7}{10}xy + \frac{1}{3}x^3y^5 \right) - \left( xy + 3\frac{1}{8}x^3y^5 + \frac{2}{9}x^5y^3 \right) \quad -4\frac{1}{8}x^3y^5 - 1\frac{50}{63}x^5y^3 + 2\frac{7}{10}xy$$

$$993) \left( 2v^3 + 3\frac{1}{8}u^3v^3 \right) - \left( \frac{1}{4}uv^2 + 5\frac{1}{6}u^3v^3 + \frac{3}{10}u^2v^3 \right) - \left( 3\frac{2}{5}u^2v^3 + 3\frac{8}{9}uv^2 - 1\frac{2}{3}u^3v^3 \right) \quad -\frac{3}{8}v^3u^3 - 3\frac{7}{10}v^3u^2 - 4\frac{5}{36}v^2u$$

$$994) \left( x^5y - 2\frac{1}{3}x^5y^5 \right) - \left( 5\frac{6}{7}x^5y^5 + 4\frac{1}{2}xy^2 + 3\frac{7}{10}x^5y \right) - \left( \frac{1}{7}x^5y - \frac{1}{8}x^5y^5 - 1\frac{2}{7}x^5y^2 \right) \quad -8\frac{11}{168}x^5y^5 + 1\frac{2}{7}x^5y^2 - 2\frac{59}{70}x^5y$$

$$995) \left( \frac{7}{11}a^3b^2 - 5a^5 \right) - \left( 1\frac{5}{9}a^5 - \frac{8}{11}a^3b^2 + 6\frac{1}{9}a^5b^3 \right) - \left( 1\frac{3}{5}a^3b^2 - 1\frac{3}{7}a^5 - 1\frac{2}{3}ab^3 \right) \quad -6\frac{1}{9}a^5b^3 - \frac{13}{55}a^3b^2 - 5\frac{8}{63}a^5 +$$

$$996) \left( 1\frac{1}{2}u^2 - 9v \right) - \left( \frac{4}{5}v^5 + 4\frac{3}{4}u - 2\frac{7}{9}u^2 \right) - \left( \frac{3}{5}v + 6\frac{1}{2}v^5 + 3\frac{1}{2}u^2 \right) \quad -7\frac{3}{10}v^5 + \frac{7}{9}u^2 - 9\frac{3}{5}v - 4\frac{3}{4}u$$

$$997) \left( 1\frac{1}{4}n + \frac{1}{5}m^3n \right) - \left( 1\frac{2}{7}m^5n^5 + 4\frac{2}{9}mn^4 + 4\frac{3}{7}m^3n \right) - \left( 1\frac{1}{8}m^3n - \frac{8}{9}mn^4 - 1\frac{8}{9}n \right) \quad -1\frac{2}{7}n^5m^5 - 3\frac{1}{3}n^4m - 5\frac{99}{280}nm^3 +$$

$$998) \left( 4\frac{4}{5}x^3y^4 + 1\frac{2}{3}x^3 \right) - \left( \frac{5}{6}x^3y^4 + 4\frac{11}{12}x^2y - \frac{10}{11}x^3y \right) - \left( 4\frac{4}{5}x^3y^4 + 5\frac{1}{3}x^2y + 6x^3y \right) \quad -\frac{5}{6}x^3y^4 - 5\frac{1}{11}x^3y - 10\frac{1}{4}x^2y +$$

$$999) \left( 2 + 4\frac{1}{5}x^2y^3 \right) - \left( 1\frac{1}{3} + 5\frac{1}{10}x^4y - \frac{3}{4}x^2y^3 \right) - \left( 1\frac{2}{7}x^5y^4 + \frac{1}{2}x^3y^4 + \frac{7}{12}x^4y \right) \quad -1\frac{2}{7}x^5y^4 - \frac{1}{2}x^3y^4 - 5\frac{41}{60}x^4y + 4\frac{19}{20}x^2y$$

$$1000) \left( 1\frac{1}{5}x^3y^3 - 1\frac{4}{9}x^4y \right) - \left( 1\frac{5}{6}x^2y - \frac{7}{10}x^4y - x^4y^5 \right) - \left( 4\frac{7}{10}x^4y^5 - 1\frac{1}{2}x^4y - \frac{1}{2}x^3y^3 \right) \quad -3\frac{7}{10}x^4y^5 + 1\frac{7}{10}x^3y^3 + \frac{34}{45}x^2y$$

$$1001) \left(3\frac{5}{9}uv^2 - 1\frac{2}{11}u^4v^3\right) - \left(3\frac{2}{3}u^4v^3 + 1\frac{2}{5}u^5v^5 - \frac{1}{8}u^3v\right) - \left(2\frac{11}{14}uv^2 + \frac{1}{2}u^3v + 7\frac{1}{2}u^4v^3\right) \quad -1\frac{2}{5}u^5v^5 - 12\frac{23}{66}u^4v^3 - \dots$$

$$1002) \left(\frac{1}{12}x^3 - \frac{1}{13}x^2y^4\right) - \left(-3\frac{2}{3}y^5 + 5\frac{3}{10}x^5 - \frac{1}{2}x^2y^4\right) - \left(1\frac{1}{5}x^2y^4 + 4\frac{3}{4}x^3 - \frac{2}{3}y^5\right) \quad -\frac{101}{130}x^2y^4 + 4\frac{1}{3}y^5 - 5\frac{3}{10}x^5 - 4\dots$$

$$1003) \left(\frac{2}{3}x - \frac{7}{13}x^4\right) + \left(10\frac{8}{9}x^5 - 1\frac{1}{2}x^4 + 3\frac{2}{9}x\right) + \left(-1\frac{1}{3}x + 3x^2y^5 + \frac{6}{7}x^5\right) \quad 3x^2y^5 + 11\frac{47}{63}x^5 - 2\frac{1}{26}x^4 + 2\frac{5}{9}x$$

$$1004) \left(1\frac{7}{13}y^2 - 1\frac{2}{7}x^2y^5\right) - \left(1\frac{4}{5}y^2 + 14x^2y^5 - \frac{11}{14}x^2y^3\right) + \left(2\frac{4}{5}x^3y^3 - 2y^2 + 13x^2y^5\right) \quad -2\frac{2}{7}y^5x^2 + 2\frac{4}{5}y^3x^3 + \frac{11}{14}y^3x^2$$

$$1005) \left(-1\frac{8}{9}x^3y^5 + 2\frac{3}{5}x\right) - \left(3\frac{7}{13}x^4 - 3\frac{8}{11}x^2 + 1\frac{1}{2}x\right) + \left(-\frac{1}{6}x^5y^2 + \frac{9}{11}x + 6\frac{11}{12}x^2\right) \quad -1\frac{8}{9}x^3y^5 - \frac{1}{6}x^5y^2 - 3\frac{7}{13}x^4 + 10\dots$$

$$1006) \left(1\frac{7}{10}x^4 + 1\frac{4}{11}x\right) - \left(1\frac{1}{2}x^4y^3 - 2x^4 + 7\frac{7}{10}x\right) - \left(3\frac{1}{8}x - 1\frac{2}{5}x^4 + 1\frac{1}{2}x^4y^3\right) \quad -3x^4y^3 + 5\frac{1}{10}x^4 - 9\frac{203}{440}x$$

$$1007) \left(-8\frac{1}{10}xy^3 + 8x^2y^4\right) + \left(-\frac{1}{2}xy^3 - \frac{7}{12}x^2y^4 - 1\frac{1}{5}xy^5\right) + \left(7\frac{1}{13}xy^5 + 1\frac{1}{2}x^2y^4 - 1\frac{8}{11}xy^3\right) \quad 8\frac{11}{12}x^2y^4 + 5\frac{57}{65}xy^5 - 1\dots$$

$$1008) \left(-\frac{1}{2}u^4v^5 - \frac{1}{2}u^2v^3\right) + \left(-\frac{1}{3}u^2v^3 - \frac{3}{8}u^4v^5 - 2\frac{9}{10}u^3\right) - \left(-1\frac{1}{14}u^4v^5 - \frac{3}{10}u^3 + 6\frac{5}{12}u^2v^3\right) \quad \frac{11}{56}u^4v^5 - 7\frac{1}{4}u^2v^3 - 2\dots$$

$$1009) \left(2m^3n - \frac{1}{2}m^5n^3\right) + \left(4\frac{2}{3}n - \frac{1}{3}m^2n^5 + 1\frac{1}{14}m^3n\right) - \left(\frac{3}{7}m^3n + 2\frac{6}{11}m^2n^5 + 4\frac{1}{5}n\right) \quad -\frac{1}{2}n^3m^5 - 2\frac{29}{33}n^5m^2 + 2\frac{9}{14}nm$$

$$1010) \left(\frac{2}{7}a^4b^4 - 3\frac{3}{10}ab^4\right) + \left(1\frac{1}{3}ab^4 - 1\frac{1}{2}a^4 - 3\frac{3}{4}a^4b^4\right) - \left(-1\frac{4}{5}b^5 + 7ab^4 + \frac{2}{7}a^5b^4\right) \quad -\frac{2}{7}b^4a^5 - 3\frac{13}{28}a^4b^4 + 1\frac{4}{5}b^5 - \dots$$

$$1011) \left(7\frac{7}{11} + 6\frac{1}{2}x^3y^5\right) + \left(\frac{1}{6}x^4 - 1\frac{1}{2} + \frac{1}{5}x^3y^5\right) + \left(\frac{1}{8}x^4 + 7\frac{3}{8} + 5\frac{3}{14}x^3y^5\right) \quad 11\frac{32}{35}x^3y^5 + \frac{7}{24}x^4 + 13\frac{45}{88}$$

$$1012) \left(6\frac{7}{8}y^5 + \frac{7}{10}x^3\right) + \left(4\frac{1}{4}x^2y^2 - 1\frac{3}{5}x^3 - 12y^5\right) - \left(1\frac{1}{2}y^5 - 1\frac{1}{12}xy^2 - \frac{8}{11}x^2y^2\right) \quad -6\frac{5}{8}y^5 + 4\frac{43}{44}x^2y^2 - \frac{9}{10}x^3 + 1\frac{1}{12}$$

$$1013) \left(-\frac{11}{12}a^3b^4 + 1\frac{1}{7}a^5\right) - \left(5\frac{2}{3}a^3b^4 - 1\frac{2}{3}a^5 - \frac{4}{5}ab\right) - \left(4\frac{1}{2}a^3b^4 + 1\frac{2}{3}a^4b^3 + 2\frac{8}{13}ab\right) \quad -11\frac{1}{12}a^3b^4 - 1\frac{2}{3}a^4b^3 + 2\frac{1}{2}$$

$$1014) \left(7\frac{5}{12}m^5n + 5\frac{3}{11}m^2n^5\right) - \left(-2\frac{1}{10}m^2n^5 + 2\frac{6}{7}m^3n^3 + 1\frac{1}{3}n^5\right) - \left(\frac{1}{3}m^5n^4 - 13n^5 + 12\frac{3}{4}m^2n^5\right) - \frac{1}{3}n^4m^5 - 5\frac{83}{220}n^5$$

$$1015) \left(4\frac{2}{9}ab^5 - 1\frac{2}{3}a\right) - \left(-1\frac{1}{6}ab^5 + 5\frac{13}{14}a^4b^2 - 2\frac{4}{5}a\right) + \left(6\frac{1}{7}a - \frac{2}{3}ab^5 - 3\frac{4}{9}a^5b^4\right) - 3\frac{4}{9}a^5b^4 - 5\frac{13}{14}a^4b^2 + 4\frac{13}{18}ab^5 +$$

$$1016) \left(1\frac{1}{4}x^4 + \frac{1}{2}x^5y\right) + \left(-\frac{1}{6}x^3y^2 - 1\frac{3}{7}x^3y^4 + \frac{5}{14}x^5y\right) + \left(-1\frac{9}{10}x^4 + 3\frac{8}{11}x^3y^2 + y^4\right) - 1\frac{3}{7}x^3y^4 + \frac{6}{7}x^5y + 3\frac{37}{66}x^3y^2$$

$$1017) \left(-1\frac{1}{5}x^5y^5 + 2x^2y^5\right) - \left(1\frac{8}{9}x^5y^5 - 1\frac{4}{9}y^2 + 1\frac{1}{3}x^3y^4\right) + \left(3\frac{4}{11}x^5y^5 - 8\frac{1}{11}x^2y^5 + \frac{4}{11}y^2\right) - \frac{136}{495}y^5x^5 - 6\frac{1}{11}y^5x^2 -$$

$$1018) \left(7\frac{5}{6}xy + 1\frac{2}{3}x\right) + \left(-7xy + 5\frac{1}{12}x^3y^5 + 7x\right) - \left(1\frac{5}{13}x^3y^5 + 2\frac{1}{2}x^4y^2 + 2\frac{11}{14}xy\right) - 3\frac{109}{156}x^3y^5 - 2\frac{1}{2}x^4y^2 - 1\frac{20}{21}xy + 8$$

$$1019) \left(1\frac{1}{5}u^5v^5 + 2\frac{1}{6}v^3\right) - \left(1\frac{2}{3}u^5v^5 + 2\frac{1}{12}v^3 - 9\frac{1}{8}u^2v^4\right) - \left(-1\frac{3}{7}u^5v^5 + 2\frac{1}{10}v^3 + 1\frac{1}{13}u^2v^4\right) - \frac{101}{105}v^5u^5 + 8\frac{5}{104}v^4u^2$$

$$1020) \left(1\frac{9}{10}y^3 - \frac{9}{10}x^4y^3\right) - \left(-\frac{2}{7}y^3 + 6\frac{6}{7}x^5y^5 + 5\frac{1}{4}x^4y^3\right) - \left(\frac{1}{4}x^5y^5 + \frac{2}{3}x^4y^3 + 7\frac{1}{2}y^3\right) - 7\frac{3}{28}y^5x^5 - 6\frac{49}{60}y^3x^4 - 5\frac{11}{35}y^3$$

$$1021) \left(7b^2 + 2\frac{1}{2}a^2b^3\right) + \left(7\frac{1}{3}b^2 - 2\frac{4}{13}a^5 + 1\frac{1}{3}a^2b^3\right) - \left(1\frac{1}{13}b^2 + 2\frac{1}{8}a^2b^3 + a^5\right) - 1\frac{17}{24}b^3a^2 - 3\frac{4}{13}a^5 + 13\frac{10}{39}b^2$$

$$1022) \left(-3\frac{5}{14}xy^4 + 3\frac{1}{12}x^2y^4\right) - \left(-1\frac{5}{14} + 4\frac{5}{14}xy^4 + 1\frac{3}{4}x^2y^4\right) - \left(\frac{5}{14}xy^4 + 7\frac{1}{10}x^2y^4 + \frac{1}{8}\right) - 5\frac{23}{30}x^2y^4 - 8\frac{1}{14}xy^4 + 1\frac{1}{5}$$

$$1023) \left(-\frac{8}{9}m^5n^5 - 1\frac{1}{9}\right) + \left(-1\frac{1}{3}m^5n^5 - 1\frac{3}{5}n^2 - 1\frac{3}{10}\right) - \left(-\frac{1}{2} + \frac{1}{2}m^5n^5 + 1\frac{7}{10}n^2\right) - 2\frac{13}{18}m^5n^5 - 3\frac{3}{10}n^2 - 1\frac{41}{45}$$

$$1024) \left(-\frac{4}{9}a + 14\frac{1}{2}a^5b^5\right) - \left(-9\frac{2}{7}a^2 + 6\frac{1}{2}a^2b^2 - 1\frac{4}{11}a\right) + \left(6a - 1\frac{4}{5}a^5b^5 + 6\frac{1}{2}a^2\right) - 12\frac{7}{10}a^5b^5 - 6\frac{1}{2}a^2b^2 + 15\frac{11}{14}a^2 +$$

$$1025) \left(5x^5y - 3\frac{1}{8}x^2y^3\right) - \left(1\frac{12}{13}x^4y^2 + \frac{3}{4}x^5y^2 + 11x^5y\right) - \left(\frac{6}{7}x^5y + 6x^4y^2 - \frac{6}{13}x^5y^2\right) - \frac{15}{52}x^5y^2 - 7\frac{12}{13}x^4y^2 - 6\frac{6}{7}x^5y$$

$$1026) \left(-1\frac{4}{5}y^4 - \frac{5}{8}x^4y^5\right) + \left(1\frac{4}{5}x^4y^5 + \frac{4}{13}xy^4 - 2\frac{1}{8}x^2y^4\right) - \left(-1\frac{7}{8}x^2y^4 + \frac{1}{2}x^4y^5 - 1\frac{3}{8}y^4\right) - \frac{27}{40}y^5x^4 - \frac{1}{4}y^4x^2 + \frac{4}{13}y^4x$$

$$1027) \left(1\frac{4}{5}x^3y - 1\frac{4}{7}y^3\right) - \left(-1\frac{3}{8}x^5y^5 - 1\frac{1}{3}y^3 + \frac{1}{3}x^3y\right) + \left(3\frac{9}{14}x^5y^5 + 4\frac{2}{3}x^3y - 1\frac{7}{10}xy\right) \quad 5\frac{1}{56}y^5x^5 + 6\frac{2}{15}yx^3 - \frac{5}{21}y^3$$

$$1028) \left(11a^3b^4 - 1\frac{3}{13}b^5\right) - \left(\frac{1}{2}b^5 - 3\frac{7}{12}a^3b^4 - 3\frac{5}{6}a^3b^3\right) + \left(\frac{1}{2}a^3b^3 - b^5 - 2\frac{5}{6}a^3b^4\right) \quad 11\frac{3}{4}b^4a^3 + 4\frac{1}{3}b^3a^3 - 2\frac{19}{26}b^5$$

$$1029) \left(1\frac{11}{14}x^4y^3 + 1\frac{3}{4}y^3\right) + \left(6\frac{2}{11}xy^2 - 1\frac{7}{9}x^3y^5 + x^4y^5\right) - \left(6\frac{11}{12}x^4y^3 - 2\frac{5}{6}x^3y^5 + 7\frac{5}{14}x^4y^5\right) \quad -6\frac{5}{14}y^5x^4 + 1\frac{1}{18}y^5x^3$$

$$1030) \left(-2x^4y^3 + 1\frac{2}{5}xy^3\right) - \left(-3\frac{3}{14}x^4y^3 - 1\frac{1}{2}xy^3 - 1\frac{1}{4}x^4y^2\right) - \left(-1\frac{1}{6}xy^3 - 2\frac{2}{9}x^4y^2 - 2\frac{10}{11}x^4y^3\right) \quad 4\frac{19}{154}x^4y^3 + 3\frac{17}{36}xy^3$$

$$1031) \left(\frac{7}{8}m^4n^4 + 5\frac{1}{9}mn^5\right) + \left(-\frac{1}{3}m^4n^4 + 1\frac{1}{4}n^3 - 2mn^5\right) - \left(\frac{1}{6}mn^5 + \frac{7}{10}m^4n^4 - 3\frac{5}{7}n^3\right) \quad -\frac{19}{120}n^4m^4 + 2\frac{17}{18}n^5m + 4\frac{27}{28}n^3$$

$$1032) \left(-1\frac{4}{7}x^3 + 2\frac{5}{8}xy^4\right) + \left(-2x^5y^3 + 12x^3 - \frac{3}{4}xy^4\right) - \left(-13xy^4 - 1\frac{5}{12}x^3 - \frac{1}{2}x^5y^3\right) \quad -1\frac{1}{2}x^5y^3 + 14\frac{7}{8}xy^4 + 11\frac{71}{84}x^3$$

$$1033) \left(6\frac{7}{8}y^3 - 2\frac{4}{5}x^5y^2\right) + \left(1\frac{4}{7}x^5y^2 + 1\frac{1}{8}y^3 + \frac{5}{6}y^4\right) - \left(-1\frac{1}{11}x^5y^2 + \frac{2}{3}y^4 - \frac{7}{9}x^3\right) \quad -\frac{53}{385}y^2x^5 + \frac{1}{6}y^4 + 8y^3 + \frac{7}{9}x^3$$

$$1034) \left(1\frac{2}{3}x^4y^4 - 1\frac{2}{3}x^2y\right) + \left(1\frac{2}{7}x^2y^5 - 5xy + \frac{2}{3}x^4\right) + \left(\frac{1}{7}xy + 1\frac{2}{7}x^4 + 2\frac{2}{3}x^2y\right) \quad 1\frac{2}{3}x^4y^4 + 1\frac{2}{7}x^2y^5 + 1\frac{20}{21}x^4 + x^2y - 4xy$$

$$1035) \left(1\frac{7}{8}x^3y^4 + 1\frac{3}{8}x^3y^2\right) - \left(-1\frac{9}{13}x^3y^2 + \frac{9}{10}x^3y^4 + \frac{7}{10}x^3y^3\right) + \left(\frac{8}{11}x^3y^3 + 2\frac{1}{8}x^3y^4 + \frac{9}{10}x^4y^3\right) \quad 3\frac{1}{10}x^3y^4 + \frac{9}{10}x^4y^3$$

$$1036) \left(2\frac{1}{12}v + 4\frac{13}{14}uv^3\right) - \left(13\frac{1}{2}uv + \frac{2}{7}v^5 + \frac{5}{12}uv^3\right) + \left(-\frac{3}{5}v - 1\frac{1}{6}u^2v^2 - 3\frac{2}{3}v^5\right) \quad -3\frac{20}{21}v^5 + 4\frac{43}{84}v^3u - 1\frac{1}{6}v^2u^2 - 13\frac{1}{2}uv$$

$$1037) \left(-x^5y + 7\frac{1}{6}x^2y^3\right) + \left(-\frac{4}{7}x + \frac{5}{8}x^5y + 6\frac{11}{13}x^2y^3\right) - \left(-\frac{1}{2}x^5y - 2x^2y^2 + 2x^5y^4\right) \quad -2x^5y^4 + \frac{1}{8}x^5y + 14\frac{1}{78}x^2y^3 + 2x^2y^2 - \frac{4}{7}x$$

$$1038) \left(\frac{1}{4}m^2n + \frac{11}{12}m^3n\right) + \left(7m^5 - 1\frac{2}{5}m^2n + 3m^3n^4\right) - \left(-11m^5 - 2\frac{7}{11}m^3n^4 - 2m^2n\right) \quad 5\frac{7}{11}m^3n^4 + 18m^5 + \frac{11}{12}m^3n + \frac{1}{4}m^2n$$

$$1039) \left(\frac{1}{5}a^5b - 1\frac{5}{8}a^5b^3\right) - \left(1\frac{1}{2}a^4b^3 + a^5b - 2\frac{1}{6}a^5b^3\right) + \left(-\frac{1}{2}a^5b - 1\frac{1}{14}a^4b^4 + 2\frac{7}{12}a^5b^3\right) \quad 3\frac{1}{8}a^5b^3 - 1\frac{1}{14}a^4b^4 - 1\frac{1}{2}a^5b$$

$$1040) \left(-\frac{3}{4}u^5v^4 + 2\frac{12}{13}u^2v\right) + \left(5u^5v^4 + 3\frac{11}{12}uv^3 - 1\frac{2}{3}u^2v\right) - \left(-3\frac{7}{11}uv^3 - 2\frac{3}{4}u^5v^4 - 1\frac{3}{5}u^2v\right) \quad 7u^5v^4 + 7\frac{73}{132}uv^3 + 2\frac{2}{3}u^2v$$

$$1041) \left(2y^5 + 3\frac{1}{4}x^4\right) - \left(\frac{3}{10}y^5 + 4\frac{3}{8}x^4 - x^3y^3\right) - \left(x^4 - 2x^3y^3 + 2\frac{7}{8}y\right) \quad 3x^3y^3 + 1\frac{7}{10}y^5 - 2\frac{1}{8}x^4 - 2\frac{7}{8}y$$

$$1042) \left(-3\frac{1}{4}x^2y^2 - 1\frac{3}{4}x^2y^3\right) - \left(-2x^2y^2 + \frac{1}{2}x^2y^3 + 1\frac{7}{8}x^4y^5\right) + \left(-2x^2y^2 + \frac{2}{5}x^4y^5 + \frac{7}{8}x^2y^3\right) \quad -1\frac{19}{40}x^4y^5 - 1\frac{3}{8}x^2y^3 - 2\frac{1}{4}x^2y^2$$

$$1043) \left(\frac{1}{2}y^4 + 6\frac{8}{9}y^2\right) + \left(-1\frac{4}{7}x^5y^3 + 7\frac{2}{3}x^4y + \frac{1}{3}y^2\right) + \left(12x^5y^3 - 1\frac{5}{8}x^4y - 2\right) \quad 10\frac{3}{7}y^3x^5 + 6\frac{1}{24}yx^4 + \frac{1}{2}y^4 + 7\frac{2}{9}y^2 - 2$$

$$1044) \left(1\frac{2}{9}u^5v^3 + \frac{2}{3}u^3v^2\right) + \left(3\frac{1}{10}u^5v^3 - 8\frac{4}{7}u^3v^2 + \frac{7}{11}u^5\right) - \left(-6\frac{5}{6}u^5v^3 - 1\frac{1}{2}u^3v^2 + 6u^5\right) \quad 11\frac{7}{45}u^5v^3 - 6\frac{17}{42}u^3v^2 - 5u^5$$

$$1045) \left(5\frac{3}{7} + \frac{8}{11}x^4\right) - \left(\frac{1}{3} + 7\frac{2}{3}xy^3 + 6\frac{2}{9}x^5y\right) - \left(1\frac{1}{2}x^4 - 3\frac{11}{12}xy^3 + 2\right) \quad -6\frac{2}{9}x^5y - \frac{17}{22}x^4 - 3\frac{3}{4}xy^3 + 3\frac{2}{21}$$

$$1046) \left(-3\frac{3}{5}mn^3 - 1\frac{1}{2}mn^4\right) + \left(5\frac{4}{9}n^4 + 1\frac{6}{13}m^2n^2 - \frac{1}{5}mn^3\right) - \left(\frac{3}{4}mn^4 - 2\frac{3}{7}mn^3 + 6\frac{7}{9}n^4\right) \quad -2\frac{1}{4}n^4m - 1\frac{13}{35}n^3m - 1\frac{1}{3}mn^4$$

$$1047) \left(-2\frac{5}{8}a^2b^2 - 2\frac{7}{8}a^4b^4\right) + \left(3\frac{5}{11}a^4b^4 - 1\frac{1}{4}ab^5 + \frac{1}{2}ab\right) - \left(-\frac{1}{2}a^4b^4 - \frac{1}{5}a^2b^2 + 7\frac{1}{3}ab^5\right) \quad 1\frac{7}{88}a^4b^4 - 8\frac{7}{12}ab^5 - 2\frac{1}{4}ab$$

$$1048) \left(\frac{10}{13}mn - \frac{1}{6}m^2n^2\right) + \left(2\frac{8}{13}mn + 1\frac{1}{6}m^5n^3 - m^2n^3\right) + \left(-1\frac{5}{12}m^5n^3 + 1\frac{1}{12}m^2n^3 - \frac{2}{5}mn^3\right) \quad -\frac{1}{4}m^5n^3 + \frac{1}{12}m^2n^3 - \frac{2}{5}mn^3$$

$$1049) \left(-\frac{2}{3}x^5y^2 + \frac{3}{4}x^5y^5\right) - \left(-2\frac{3}{13}x^5y^5 - 2x^3y^2 - 2\frac{1}{2}xy^3\right) - \left(-3\frac{5}{6}x^3y^2 - x^5y^5 + xy^3\right) \quad 3\frac{51}{52}x^5y^5 - \frac{2}{3}x^5y^2 + 5\frac{5}{6}x^3y^2$$

$$1050) \left(4\frac{3}{8}xy + \frac{2}{3}x^3\right) + \left(\frac{9}{14}xy + \frac{7}{8}x^4y^4 + 1\frac{1}{2}x^2y^4\right) + \left(\frac{1}{3}x^4y^4 + 5\frac{2}{3}x^2y^4 + \frac{1}{4}xy\right) \quad 1\frac{5}{24}x^4y^4 + 7\frac{1}{6}x^2y^4 + \frac{2}{3}x^3 + 5\frac{15}{56}xy$$

$$1051) \left(\frac{3}{5}m^3n + 5\frac{2}{11}m^3n^3\right) - \left(4\frac{13}{14}m^3n + 11m^3n^3 + \frac{3}{4}mn^2\right) + \left(\frac{4}{5}mn^2 - 2\frac{1}{5}m^3n^3 - 2\frac{7}{8}m^3n^5\right) \quad -2\frac{7}{8}m^3n^5 - 8\frac{1}{55}m^3n^3$$

$$1052) \left(-1\frac{1}{12}v^4 - 2\frac{3}{10}u^3v^2\right) + \left(5\frac{3}{5}u^3v^3 + 2\frac{1}{12}v^4 + u^3v^2\right) - \left(4\frac{3}{5}u^3v^3 + 2v^4 + 4\frac{7}{13}u^3v^2\right) \quad v^3u^3 - 5\frac{109}{130}v^2u^3 - v^4$$

$$1053) \left(1\frac{1}{4}x^2y^2 + \frac{9}{14}y^5\right) + \left(4\frac{1}{2}x^2y^2 - 2\frac{2}{5}y^5 + 12y^2\right) - \left(-\frac{1}{3}y^2 + 3\frac{3}{5}x^2y^2 - 1\frac{7}{9}y^5\right) \quad \frac{13}{630}y^5 + 2\frac{3}{20}y^2x^2 + 12\frac{1}{3}y^2$$

$$1054) (2x^2y^3 + 12y^3) - \left(-2\frac{10}{11}y^3 + 7\frac{3}{4}x^4y^4 + 1\frac{1}{2}x^2y^3\right) - \left(-1\frac{4}{13}xy + 5\frac{4}{7}x^4y^4 - 2\frac{3}{5}x^2y^3\right) \quad -13\frac{9}{28}y^4x^4 + 3\frac{1}{10}y^3x^2$$

$$1055) \left(-8ab + 1\frac{2}{11}a^3b^3\right) + \left(-\frac{4}{11}a^2b^5 + \frac{3}{5}ab + \frac{9}{11}a^3b^3\right) - \left(-\frac{4}{11}a^2b^5 - 2\frac{5}{14}a^3b^3 + \frac{2}{5}ab\right) \quad 4\frac{5}{14}a^3b^3 - 7\frac{4}{5}ab$$

$$1056) \left(-2x^2y^5 + 3\frac{1}{2}x^3y^2\right) + \left(-2x^3 - 2\frac{7}{9}x^3y^2 + 1\frac{1}{6}x^2y^5\right) + \left(5\frac{1}{3}x^3 + 3\frac{1}{2}x^3y^2 + 6\frac{3}{7}x^2y^5\right) \quad 5\frac{25}{42}x^2y^5 + 4\frac{2}{9}x^3y^2 + 3\frac{1}{3}$$

$$1057) \left(-1\frac{5}{8}n^2 + 7\frac{4}{5}m^2n^2\right) - \left(\frac{4}{13}m^4n^2 + 2\frac{7}{8}m^5n^4 - \frac{1}{3}m^2n^2\right) - \left(5\frac{3}{4}n^2 - m^4n^2 + 1\frac{1}{2}m^5n^4\right) \quad -4\frac{3}{8}n^4m^5 + \frac{9}{13}n^2m^4 + 8$$

$$1058) \left(6\frac{1}{5}y - 2\frac{2}{13}x^5y\right) - \left(-1\frac{1}{12}x^3y^4 + \frac{2}{9}x^2 - 2\frac{5}{9}x^5y\right) + (-13x^2 - y + 2x^5y) \quad 1\frac{1}{12}x^3y^4 + 2\frac{47}{117}x^5y - 13\frac{2}{9}x^2 + 5\frac{1}{5}y$$

$$1059) \left(-1\frac{5}{7}u^4v^3 + 1\frac{1}{11}v\right) + \left(4\frac{3}{4}v^2 + 7\frac{2}{3}v + 7\frac{3}{5}u^5v^5\right) + \left(-3\frac{11}{12}u^4v^3 + 4\frac{9}{10}v^5 + \frac{8}{11}v\right) \quad 7\frac{3}{5}v^5u^5 - 5\frac{53}{84}v^3u^4 + 4\frac{9}{10}v^5$$

$$1060) (-x^3y^3 + 2x^5y^2) - \left(1\frac{1}{2}y^2 + 1\frac{1}{11}x^3y^3 - 1\frac{6}{13}x^5y^2\right) + \left(\frac{2}{5}x^2y^2 + 1\frac{4}{5}y^2 + 4\frac{2}{5}x^3y^3\right) \quad 3\frac{6}{13}y^2x^5 + 2\frac{17}{55}y^3x^3 + \frac{2}{5}y^2$$

$$1061) \left(\frac{5}{11}xy^4 - 2\frac{7}{8}\right) + \left(\frac{1}{12}xy^4 - \frac{1}{2}y^3 + 6\frac{5}{9}\right) - \left(6\frac{1}{12} + 6\frac{1}{3}y^3 - \frac{7}{9}x^5y^2\right) \quad \frac{7}{9}x^5y^2 + \frac{71}{132}xy^4 - 6\frac{5}{6}y^3 - 2\frac{29}{72}$$

$$1062) \left(1 + \frac{1}{13}x^4y^3\right) - \left(1\frac{1}{4} - 2\frac{10}{11}x^5 - 10x^4y^2\right) - \left(12 + \frac{2}{3}x^4y^3 + \frac{9}{10}x^5\right) \quad -\frac{23}{39}x^4y^3 + 10x^4y^2 + 2\frac{1}{110}x^5 - 12\frac{1}{4}$$

$$1063) \left(\frac{1}{2}m^5n^3 + m^5n^2\right) - \left(\frac{3}{5}m^4n^3 + 1\frac{6}{7}m^5n^2 - \frac{4}{7}m^5n^3\right) + \left(\frac{1}{2}m^5n^3 - 1\frac{5}{12}m^5n^2 - 12m^4n^3\right) \quad 1\frac{4}{7}m^5n^3 - 2\frac{23}{84}m^5n^2 -$$

$$1064) \left(-1\frac{3}{11}xy^5 - 3\frac{4}{7}x^4y\right) + \left(4\frac{5}{6}x^4y - 3xy^5 + x^2y^3\right) - \left(\frac{1}{13}x^4y - 1\frac{5}{12}x^2y^3 - 2xy^5\right) \quad -2\frac{3}{11}xy^5 + 1\frac{101}{546}x^4y + 2\frac{5}{12}x^2y^3$$

$$1065) \left(-3\frac{11}{14}u^4v^5 + u^5\right) - \left(-1\frac{8}{11}uv^5 - 1\frac{3}{11}u^2v^2 - 1\frac{2}{7}u^4v^5\right) - \left(-1\frac{1}{2}u^4v^4 - 2u^5 - \frac{2}{7}u^2v^2\right) \quad -2\frac{1}{2}u^4v^5 + 1\frac{1}{2}u^4v^4 + 1\frac{1}{2}u^5$$

$$1066) \left(2\frac{2}{3}m^4n^5 - \frac{2}{13}m^5\right) + \left(\frac{3}{10}m^4n^5 + 12m^5n + 1\frac{1}{10}m^5\right) - \left(5\frac{8}{13}m^5n + 4\frac{1}{5}m^5 + 7\frac{4}{5}m^4n^5\right) \quad -4\frac{5}{6}m^4n^5 + 6\frac{5}{13}m^5n -$$

$$1067) \left(\frac{5}{8}x^5y^5 - 1\frac{1}{5}y^4\right) + \left(\frac{10}{11}y^4 + \frac{5}{7}xy^2 + 6\frac{1}{3}x^5y^5\right) + \left(-\frac{3}{4}xy^2 - 2\frac{3}{4}x^5y^5 - 1\frac{3}{14}y^4\right) \quad 4\frac{5}{24}y^5x^5 - 1\frac{389}{770}y^4 - \frac{1}{28}y^2x$$

$$1068) \left(-2\frac{1}{5}u^5 + 1\frac{2}{11}u^3v\right) + \left(1\frac{2}{13}u^2v^2 - 1\frac{1}{6}u^3v^4 - \frac{1}{2}u^3v\right) - \left(2u^3v + \frac{1}{10}u^3v^4 - 1\frac{2}{3}u^2v^2\right) \quad -1\frac{4}{15}u^3v^4 - 2\frac{1}{5}u^5 + 2\frac{32}{39}$$

$$1069) \left(-\frac{3}{4}u^3v + \frac{7}{12}uv\right) + \left(3\frac{5}{6}uv^4 - 3\frac{5}{6}u^3v + 3\frac{9}{10}uv\right) - \left(7\frac{9}{10}uv + 8\frac{9}{13}uv^4 + 5\frac{13}{14}u^3v\right) \quad -4\frac{67}{78}uv^4 - 10\frac{43}{84}u^3v - 3\frac{5}{12}$$

$$1070) \left(\frac{7}{8}y^3 - 1\frac{3}{13}x^4y^2\right) + \left(1\frac{9}{10}xy^2 + 1\frac{1}{3}y^3 + 6\frac{1}{2}x^5\right) + \left(4\frac{1}{8}x^5 + \frac{5}{7}y^3 + 5\frac{4}{5}x^4y^2\right) \quad 4\frac{37}{65}y^2x^4 + 10\frac{5}{8}x^5 + 1\frac{9}{10}y^2x + 2$$

$$1071) \left(3\frac{3}{5}x^3y^3 + 4\frac{1}{2}x^5y^4\right) + \left(-1\frac{2}{7}x^5y^4 - \frac{1}{2}x^4y^2 - 2\frac{8}{11}x^3y^3\right) - \left(\frac{2}{3}x^4 - 3\frac{5}{11}x^5y^4 + x^3y^3\right) \quad 6\frac{103}{154}x^5y^4 - \frac{7}{55}x^3y^3 - \frac{1}{2}$$

$$1072) \left(6\frac{1}{2}m^4n + 12\frac{2}{9}n\right) - \left(1\frac{5}{7}n + \frac{4}{11}m^3n^4 - 1\frac{1}{2}m^2n^3\right) - \left(\frac{1}{3}m^5 - \frac{1}{5}m^3n^4 + \frac{9}{11}n\right) \quad -\frac{9}{55}n^4m^3 + 6\frac{1}{2}nm^4 + 1\frac{1}{2}n^3m^2 -$$

$$1073) \left(-\frac{1}{2}x^2 + 6\frac{1}{6}y\right) - \left(-\frac{2}{7}x + \frac{1}{8}x^5y^3 - 1\frac{4}{7}x^2\right) - \left(-\frac{2}{9}x^2 + 2\frac{1}{10}x^5y^3 + 3\frac{1}{2}y\right) \quad -2\frac{9}{40}x^5y^3 + 1\frac{37}{126}x^2 + \frac{2}{7}x + 2\frac{2}{3}y$$

$$1074) \left(\frac{9}{10}x^4y^5 - 1\frac{7}{9}xy^3\right) - \left(x^3 - 1\frac{3}{14}x^4y^4 + \frac{5}{6}xy^3\right) - \left(1\frac{1}{4}y^2 + 7\frac{11}{12}x^4y^5 + 4\frac{3}{4}x^3\right) \quad -7\frac{1}{60}x^4y^5 + 1\frac{3}{14}x^4y^4 - 2\frac{11}{18}xy^3$$

$$1075) \left(7\frac{9}{11}v - \frac{1}{8}u^2\right) - \left(1\frac{4}{5}u^3v^5 + \frac{3}{14}u^2 + 1\frac{2}{5}v\right) - \left(\frac{5}{6}u^2 + \frac{3}{11}u^3v^5 + \frac{4}{9}v\right) \quad -2\frac{4}{55}u^3v^5 - 1\frac{29}{168}u^2 + 5\frac{482}{495}v$$

$$1076) \left(-2\frac{1}{10}m^3 + 1\frac{13}{14}m^3n\right) - \left(-2\frac{1}{2}n + 1\frac{1}{3}m^3n - \frac{2}{9}m^2n^2\right) - \left(14m^2n^2 + 1\frac{1}{11}m^3n - 10m^2n^3\right) \quad 10m^2n^3 - \frac{229}{462}m^3n -$$

$$1077) \left(-\frac{1}{11}x^3y^2 - 3\frac{9}{14}x^3y^5\right) - \left(-2\frac{11}{14}xy^5 + 5\frac{5}{6}x^3y^2 - \frac{3}{4}x^3y^5\right) + \left(-3\frac{2}{3}x^3y^5 + \frac{4}{11}xy^5 + x^3y^2\right) \quad -6\frac{47}{84}x^3y^5 + 3\frac{23}{154}xy^5$$

$$1078) \left(\frac{1}{3}xy - 1\frac{3}{7}x^3y^2\right) - \left(1\frac{1}{2}x^3y^2 - 1\frac{1}{2}x^4y^2 + 6xy\right) + \left(-1\frac{11}{14}x^2y - 3\frac{11}{13}xy + 2\frac{9}{10}x^3y^2\right) \quad 1\frac{1}{2}x^4y^2 - \frac{1}{35}x^3y^2 - 1\frac{11}{14}x^2y$$



$$1079) \left(7\frac{1}{4}a^4b^2 + 4\frac{1}{6}a\right) + \left(2a^5b + \frac{9}{11}a^4b^2 - 1\frac{3}{4}a^2b\right) + \left(2\frac{5}{8}a^5b + \frac{5}{7}a^2b - \frac{4}{7}a^4b^2\right) \quad 7\frac{153}{308}a^4b^2 + 4\frac{5}{8}a^5b - 1\frac{1}{28}a^2b + \dots$$

$$1080) \left(1\frac{2}{3}u^5 + 1\frac{1}{4}u^4v^3\right) + \left(-2\frac{2}{11}u^4v^3 - 3\frac{4}{9}u^2v^5 - 1\frac{11}{12}u^5\right) - \left(-\frac{1}{2}u^4v^3 + 1\frac{3}{5}u^2v^5 + 6\frac{1}{2}u^5\right) \quad -\frac{19}{44}u^4v^3 - 5\frac{2}{45}u^2v^5 - \dots$$

$$1081) \left(-\frac{1}{14}m^3n^4 + 5\frac{9}{14}n^4\right) + \left(7\frac{3}{14}m^2n + 7\frac{5}{8}n^4 + 6\frac{1}{8}m^3n^4\right) + \left(\frac{3}{10}m^3n^4 + 5\frac{2}{3}n^4 + 6\frac{9}{10}m^2n\right) \quad 6\frac{99}{280}n^4m^3 + 18\frac{157}{168}n^4m^2 + \dots$$

$$1082) \left(1\frac{9}{13}x^2y^4 - \frac{8}{9}y^2\right) + \left(6\frac{3}{4}x^2y^5 - 1\frac{11}{14}y^2 - 1\frac{1}{13}x^4y^5\right) + \left(3\frac{2}{13}x^2y^5 + 1\frac{4}{11}x^4y^5 - 3\frac{3}{7}x^2y^4\right) \quad \frac{41}{143}y^5x^4 + 9\frac{47}{52}y^5x^3 + \dots$$

$$1083) \left(-\frac{1}{3}y + 7\frac{5}{6}y^2\right) + \left(-2\frac{2}{11}x^2 + 2x^4 + 7\frac{5}{9}y^2\right) - \left(1\frac{1}{3}x^2y^2 - 1\frac{2}{13}y^2 + 2\frac{1}{14}x^2\right) \quad 2x^4 - 1\frac{1}{3}y^2x^2 - 4\frac{39}{154}x^2 + 16\frac{127}{234}y^2 + \dots$$

$$1084) \left(\frac{8}{11}x^4y^5 - 1\frac{5}{12}x^4\right) + \left(-1\frac{5}{6}y + 3\frac{7}{10}x^4 + 1\frac{2}{3}x^4y^5\right) - \left(-1\frac{2}{5}y + 2\frac{5}{13}x^4 - \frac{1}{2}x^4y^5\right) \quad 2\frac{59}{66}x^4y^5 - \frac{79}{780}x^4 - \frac{13}{30}y + \dots$$

$$1085) \left(1\frac{13}{14}a^5b + 7a^5b^4\right) - \left(-13\frac{1}{2}ab^4 + \frac{1}{6}b^2 - \frac{1}{5}a^5b\right) - \left(7\frac{5}{9}a^5b - 1\frac{1}{6}b^2 + a^5b^4\right) \quad 6b^4a^5 - 5\frac{269}{630}ba^5 + 13\frac{1}{2}b^4a + b^2 + \dots$$

$$1086) \left(-1\frac{2}{5}v^2 + 5\frac{2}{9}u^4v\right) - \left(-\frac{1}{8}v^2 + 3\frac{1}{10}v^5 + 3\frac{5}{13}u^4v\right) + \left(-1\frac{1}{4}v^2 + 7\frac{3}{4}v^5 - 1\frac{4}{5}u^4v\right) \quad \frac{22}{585}vu^4 + 4\frac{13}{20}v^5 - 2\frac{21}{40}v^2 + \dots$$

$$1087) \left(5\frac{3}{10}xy^4 + 1\frac{4}{7}x\right) + \left(\frac{3}{4}x + 7\frac{1}{2}xy^4 + \frac{7}{12}x^3y^5\right) + \left(\frac{2}{7}xy^4 - \frac{13}{14}x + 1\frac{6}{13}x^3y^5\right) \quad 2\frac{7}{156}x^3y^5 + 13\frac{3}{35}xy^4 + 1\frac{11}{28}x + \dots$$

$$1088) \left(4\frac{7}{10}a^2b^2 + 4\frac{1}{2}ab\right) + (-13ab + 2a^2b^2 - a^4b^5) - \left(-1\frac{1}{4}a^4b^5 - 1\frac{1}{14}a^2b^2 + 1\frac{7}{10}ab\right) \quad \frac{1}{4}a^4b^5 + 7\frac{27}{35}a^2b^2 - 10\frac{1}{5}ab + \dots$$

$$1089) (-x^2y - 2x^4y) + \left(7\frac{1}{8}x^4y - 2\frac{1}{2}x^2y - 12y\right) + \left(1\frac{5}{11}x^4y + 1\frac{11}{14}x^2y + \frac{1}{6}y\right) \quad 6\frac{51}{88}yx^4 - 1\frac{5}{7}yx^2 - 11\frac{5}{6}y + \dots$$

$$1090) \left(-1\frac{3}{4}x + 5\frac{8}{9}xy^2\right) - \left(\frac{3}{8}x + x^5y^5 + 1\frac{7}{9}x^4y^2\right) + \left(\frac{5}{11}x - \frac{1}{2}xy^2 - \frac{2}{3}x^4y^2\right) \quad -x^5y^5 - 2\frac{4}{9}x^4y^2 + 5\frac{7}{18}xy^2 - 1\frac{59}{88}x + \dots$$

$$1091) \left(-1\frac{1}{3}x^4 + 2x^2y^2\right) + \left(-2\frac{1}{2}x^5y + \frac{2}{7}x^3y - \frac{1}{3}x^2y^2\right) + \left(1\frac{3}{7}xy + 4\frac{4}{7}x^3y - 1\frac{7}{10}x^2y^2\right) \quad -2\frac{1}{2}x^5y - 1\frac{1}{3}x^4 - \frac{1}{30}x^2y^2 + \dots$$

$$1092) \left(-\frac{9}{13}x^4 + 6\frac{7}{9}y^2\right) - \left(\frac{7}{13}y^2 + \frac{1}{3}x^4y^4 + 5\frac{7}{12}y^4\right) + \left(\frac{5}{7}y^4 + 1\frac{1}{6}x^4y^4 + 4\frac{1}{2}y^2\right) \quad \frac{5}{6}y^4x^4 - \frac{9}{13}x^4 - 4\frac{73}{84}y^4 + 10\frac{173}{234}y$$

$$1093) \left(1\frac{4}{13}u^3v^5 + 1\frac{2}{5}u^4v^3\right) - \left(-\frac{2}{11}u^4v^5 - 1\frac{1}{10}u^3v^5 - 3\frac{1}{6}u\right) + \left(7\frac{5}{7}u - 1\frac{3}{13}u^3v^5 + 2\frac{7}{8}u^4v^5\right) \quad 3\frac{5}{88}u^4v^5 + 1\frac{23}{130}u^3v^5$$

$$1094) \left(4\frac{1}{14}u^2v^4 + 1\frac{2}{7}u^5v^2\right) - \left(-\frac{2}{13}u^5v^2 + u^2v^5 - 2\frac{1}{7}u^4\right) - \left(5\frac{4}{9}u^4 + 1\frac{2}{3}u^2v^5 + \frac{1}{3}u^2v^4\right) \quad 1\frac{40}{91}u^5v^2 - 2\frac{2}{3}u^2v^5 + 3\frac{31}{42}$$

$$1095) (2y - 2xy^2) - \left(2\frac{1}{3}y - 3\frac{7}{8}x^2 + 1\frac{5}{14}y^4\right) - \left(1\frac{7}{12}x^2 - 1\frac{1}{8}y^4 - 1\frac{3}{10}y\right) \quad -\frac{13}{56}y^4 - 2xy^2 + 2\frac{7}{24}x^2 + \frac{29}{30}y$$

$$1096) \left(2x^5y - 1\frac{2}{3}x^4\right) - \left(\frac{5}{14}x^3y^5 - \frac{7}{10}x^5 - \frac{1}{6}x^4\right) - \left(-\frac{2}{11}x^5 - 5x^4 - 1\frac{1}{2}x^3y^5\right) \quad 1\frac{1}{7}x^3y^5 + 2x^5y + \frac{97}{110}x^5 + 3\frac{1}{2}x^4$$

$$1097) \left(\frac{8}{13}m^2n^5 - 5\frac{1}{5}m^4n^4\right) + (-10m^2n^5 - 2 + 2m^4n^4) - \left(1\frac{2}{9} - \frac{1}{6}m^4n^4 - \frac{1}{6}m^2n^5\right) \quad -3\frac{1}{30}m^4n^4 - 9\frac{17}{78}m^2n^5 - 3\frac{2}{9}$$

$$1098) \left(1\frac{2}{5}x^3y^5 + 4\frac{10}{13}x^5y^3\right) + \left(-3\frac{3}{7}x^3 - 2\frac{1}{6}x^5y^3 + \frac{7}{12}x^3y^5\right) - \left(4\frac{5}{6}x^3y^5 + 3\frac{1}{6}x^5y^3 - 2x^3\right) \quad -2\frac{17}{20}x^3y^5 - \frac{22}{39}x^5y^3 - 1$$

$$1099) \left(2\frac{6}{7}a^5b^2 - 3\frac{3}{4}a^3b^2\right) + \left(-1\frac{1}{12}a^3b^2 + 2a^5b^2 - 1\frac{1}{11}ab^3\right) - \left(-2ab^3 + 1\frac{1}{2}a^2b + 1\frac{5}{12}a^3b\right) \quad 4\frac{6}{7}a^5b^2 - 4\frac{5}{6}a^3b^2 + 1$$

$$1100) \left(\frac{4}{9}x^5y + 3\frac{3}{5}\right) - \left(5\frac{1}{3}xy^3 + 11x^2y^3 - 1\frac{2}{9}x^5y\right) - \left(-2\frac{1}{14}x^2y^3 + 4x^5y - 3\frac{5}{6}x^2\right) \quad -2\frac{1}{3}x^5y - 8\frac{13}{14}x^2y^3 - 5\frac{1}{3}xy^3 + 3\frac{4}{5}$$

$$1101) \left(1\frac{9}{11}x^3y^2 - \frac{3}{10}x^2y^5\right) + \left(7\frac{6}{7}x^2y^5 + \frac{5}{6}xy^5 - 1\frac{1}{3}x^5y\right) - \left(\frac{15}{16}x^2y^5 - 3\frac{7}{13}x^3y^2 + 7\frac{7}{19}xy^5\right) \quad 6\frac{347}{560}x^2y^5 - 6\frac{61}{114}xy^5$$

$$1102) \left(2mn^3 - 13\frac{3}{10}m^5n\right) + \left(1\frac{7}{8}m^4n + 9\frac{4}{13}mn^3 + 1\frac{11}{17}m^5n\right) - \left(2m^4n - \frac{1}{3}mn^3 + 1\frac{2}{5}m^5\right) \quad -11\frac{111}{170}m^5n - \frac{1}{8}m^4n - 1\frac{2}{5}$$

$$1103) \left(1\frac{1}{3}u^2 + v^2\right) + \left(\frac{13}{14}u^2 + 1\frac{2}{5}u^4v^5 + 1\frac{2}{9}v^2\right) + \left(\frac{2}{3}u^2v^3 - \frac{2}{19}u^2 - 1\frac{2}{3}u^4v^5\right) \quad -\frac{4}{15}u^4v^5 + \frac{2}{3}u^2v^3 + 2\frac{2}{9}v^2 + 2\frac{125}{798}u^2$$

$$1104) \left(5\frac{16}{19}x^4y^4 - 1\frac{1}{4}x^5y^3\right) - \left(\frac{2}{3}x^4y - \frac{9}{14}x^4y^3 + 5\frac{2}{15}y\right) - \left(11\frac{11}{18}x^4y + 1\frac{13}{17}y + 1\frac{4}{5}x^4y^4\right) \quad 4\frac{4}{95}y^4x^4 - 1\frac{1}{4}y^3x^5 + \frac{9}{14}$$

$$1105) \left(4\frac{1}{6}x^5y^5 + 3\frac{3}{5}x^2y^3\right) - \left(4\frac{1}{6}x^2y^3 - 1\frac{2}{3}xy - 1\frac{1}{5}x^5y^5\right) - \left(\frac{14}{15}x^5y^5 - x^2y^3 + 2\frac{16}{19}x^2y^4\right) \quad 4\frac{13}{30}x^5y^5 - 2\frac{16}{19}x^2y^4 + \frac{1}{3}$$

$$1106) \left(16x^2 + \frac{1}{2}x^2y^5\right) - \left(1\frac{4}{7}x^5y^2 - \frac{4}{15}x^2y^5 + 7\frac{8}{19}x^2\right) - \left(x^2 + 7\frac{6}{17}x^5y^2 - 1\frac{8}{11}x^2y^5\right) \quad 2\frac{163}{330}x^2y^5 - 8\frac{110}{119}x^5y^2 + 7\frac{1}{11}$$

$$1107) (2a^4b^5 + b^3) - \left(2\frac{9}{20}ab^5 - \frac{1}{3}a + 8\frac{13}{20}a^4b^5\right) + \left(3\frac{5}{11}a^2b^3 - \frac{1}{4}ab^5 + 10\frac{5}{6}a\right) \quad -6\frac{13}{20}a^4b^5 - 2\frac{7}{10}ab^5 + 3\frac{5}{11}a^2b^3 +$$

$$1108) \left(1\frac{1}{3}a^3b^2 + \frac{9}{19}a^5b^4\right) + \left(3\frac{9}{10}a^3b^2 + 6\frac{2}{15} - 8a^5b^4\right) + \left(\frac{3}{8} - 9a^3b^2 + 3\frac{13}{20}a^5b^4\right) \quad -3\frac{333}{380}a^5b^4 - 3\frac{23}{30}a^3b^2 + 6\frac{61}{120}$$

$$1109) \left(9\frac{6}{7}xy^2 + 1\frac{5}{8}xy^5\right) - \left(\frac{3}{7}xy^2 - 3\frac{1}{5}y^5 + 1\frac{2}{5}xy^5\right) + \left(1\frac{1}{2}xy^5 + 2\frac{8}{9}y^5 - 1\frac{1}{17}xy^2\right) \quad 1\frac{29}{40}y^5x + 6\frac{4}{45}y^5 + 8\frac{44}{119}y^2x$$

$$1110) \left(1\frac{1}{9}x^2y^4 + 5\frac{6}{13}x^4y^5\right) - \left(9\frac{3}{16}x^4y^5 + 4\frac{1}{4}xy^3 + 8\frac{1}{13}x^2y^4\right) - \left(2\frac{9}{10}xy^3 + 1\frac{1}{8}x^4y^5 + 2x^2y^4\right) \quad -4\frac{177}{208}x^4y^5 - 8\frac{113}{117}$$

$$1111) \left(7\frac{3}{4}x^3y^5 - \frac{3}{5}xy^4\right) - \left(x^2y - 2\frac{1}{13}y + 8\frac{4}{17}x^3y^5\right) + \left(1\frac{3}{5}x^3y^5 + 2x^2y + 7\frac{2}{5}xy^4\right) \quad 1\frac{39}{340}y^5x^3 + 6\frac{4}{5}y^4x + yx^2 + 2\frac{1}{13}$$

$$1112) \left(\frac{7}{12}u^2v - 2\frac{1}{4}u^5v^4\right) - \left(\frac{7}{10}u^2v + \frac{2}{3}v^5 - \frac{8}{17}u^4v^4\right) + \left(\frac{3}{8}v^5 + 1\frac{6}{11}u^4v^4 + 1\frac{13}{19}u^2v\right) \quad -2\frac{1}{4}v^4u^5 + 2\frac{3}{187}v^4u^4 - \frac{7}{24}v^5$$

$$1113) \left(1\frac{2}{9}y^2 + 6\frac{11}{17}x^3y^3\right) + \left(\frac{1}{2}x^3y + \frac{2}{3}y^3 + 1\frac{19}{20}y^2\right) - \left(3\frac{2}{3}y^2 + 5\frac{5}{7}x^3y^3 - 1\frac{4}{17}y^3\right) \quad \frac{111}{119}y^3x^3 + \frac{1}{2}yx^3 + 1\frac{46}{51}y^3 - \frac{89}{180}$$

$$1114) \left(9\frac{3}{5}x^2y^3 + x^2\right) - \left(1\frac{5}{9}x^2y^3 + 10\frac{4}{5}y + \frac{4}{11}x^4\right) + \left(1\frac{1}{13}y^5 + x^4 - \frac{3}{5}x^2\right) \quad 8\frac{2}{45}x^2y^3 + 1\frac{1}{13}y^5 + \frac{7}{11}x^4 + \frac{2}{5}x^2 - 10\frac{4}{5}y$$

$$1115) \left(2n^2 + 1\frac{2}{3}m^3n^3\right) + \left(1\frac{4}{15}n^2 + 2m^3 - 1\frac{2}{19}m^2n^2\right) + \left(\frac{1}{11}n^2 + 3\frac{11}{20}m^3 - \frac{2}{5}m^3n^3\right) \quad 1\frac{4}{15}n^3m^3 - 1\frac{2}{19}n^2m^2 + 5\frac{11}{20}m$$

$$1116) \left(1\frac{3}{8}y^4 + 2\frac{3}{13}x^3y\right) + \left(\frac{1}{3}x^3y + 1\frac{2}{7}y^4 + \frac{1}{17}x^4\right) - \left(\frac{10}{11}y^4 - 1\frac{5}{16}x^4 + 6\frac{4}{7}x^3y\right) \quad 1\frac{463}{616}y^4 - 4\frac{2}{273}yx^3 + 1\frac{101}{272}x^4$$

$$1117) \left(\frac{5}{7}y + 3\frac{1}{19}x^2\right) - \left(1\frac{5}{18}y + 6\frac{11}{16}x^2 - 1\frac{3}{19}x^3y^4\right) + \left(2x^3y^4 + 1\frac{7}{9}y + 9\frac{5}{12}x^3\right) \quad 3\frac{3}{19}x^3y^4 + 9\frac{5}{12}x^3 - 3\frac{193}{304}x^2 + 1\frac{3}{18}$$

$$1118) \left(2\frac{17}{18}x^3y^4 + 3\frac{2}{3}x^4y^5\right) - \left(1\frac{1}{5}x^3y^4 + \frac{3}{16}x^4y^5 - 1\frac{9}{19}y^2\right) + \left(1\frac{1}{11}x^3y^4 + 7\frac{13}{15}x^4y^5 + 1\frac{3}{4}y^2\right) \quad 11\frac{83}{240}y^5x^4 + 2\frac{827}{990}$$

$$1119) \left(\frac{4}{5}u^5v^5 + \frac{5}{7}u^4v^4\right) + \left(8\frac{7}{8}u^3v^2 - \frac{3}{5}u^4v^4 - 3\frac{3}{13}u^5v^5\right) - \left(10\frac{3}{7}u^5v^5 - \frac{1}{2}u^3v^2 + 7\frac{2}{3}u^4v^4\right) \quad -12\frac{391}{455}u^5v^5 - 7\frac{58}{105}u^4$$

$$1120) (m^2n^4 + 2m^4n^3) - \left(\frac{5}{17}m^4n^4 + 2\frac{19}{20}mn - 9m^2n^4\right) + \left(9\frac{11}{18}m^2n^4 - 1\frac{2}{3}m^4n - 2\frac{1}{6}mn\right) \quad -\frac{5}{17}m^4n^4 + 2m^4n^3 + 19\frac{1}{1}$$

$$1121) \left(8\frac{5}{14}x^5y^2 - 1\frac{3}{4}x^4y^4\right) - \left(1\frac{3}{20}x^2y^3 - 1\frac{6}{11}x^5y^2 + 2\frac{2}{5}x^4y^4\right) + \left(1\frac{10}{17}x^4y^4 - 1\frac{1}{7}x^5y^2 + \frac{14}{15}x^2y^3\right) \quad -2\frac{191}{340}x^4y^4 + 8$$

$$1122) \left(8\frac{10}{13}m^2n^3 + \frac{5}{13}m^4n\right) - \left(1\frac{9}{14}m^4n + 5\frac{3}{5}m^3n^3 + 3\frac{1}{7}m^2n^3\right) + \left(1\frac{7}{8}m^3n^3 - 2m^4n - 2m^2n^3\right) \quad -3\frac{29}{40}m^3n^3 - 3\frac{47}{182}n$$

$$1123) \left(2x^5y^4 + 1\frac{1}{3}x^3y^5\right) - \left(2\frac{8}{9}x^3y^5 - 3\frac{2}{9}x^4y^2 + 10\frac{2}{7}x^5y^4\right) - \left(1\frac{5}{17}x^5y^4 - 2\frac{1}{6}y - 14x^4y^2\right) \quad -9\frac{69}{119}y^4x^5 - 1\frac{5}{9}y^5x^3 +$$

$$1124) \left(10\frac{2}{5}a^5b^4 + 6\frac{11}{14}ab^4\right) - \left(1\frac{9}{17}b^4 + 1\frac{8}{13} + 4\frac{7}{15}a^5b^4\right) - \left(1\frac{10}{17}a^5b^4 - 1\frac{1}{3} + 17\frac{4}{5}b^4\right) \quad 4\frac{88}{255}a^5b^4 + 6\frac{11}{14}ab^4 - 19\frac{1}{2}$$

$$1125) \left(\frac{3}{8}v^5 + 6\frac{1}{12}u^5\right) - \left(3\frac{5}{8}v^5 + 3\frac{6}{11}uv^2 - 1\frac{9}{10}u^4v^3\right) + \left(1\frac{5}{8}uv^2 + 2u^3v^5 - \frac{4}{15}v^5\right) \quad 2v^5u^3 + 1\frac{9}{10}v^3u^4 + 6\frac{1}{12}u^5 - 3\frac{3}{6}$$

$$1126) \left(\frac{1}{4}m^5n^5 + \frac{1}{13}m^5\right) + \left(5\frac{3}{20}m^5 - \frac{2}{19}m^2n^4 - 2mn^2\right) + \left(8\frac{5}{12}mn^3 + \frac{2}{15}mn^2 + 3\frac{1}{6}m^2n^4\right) \quad \frac{1}{4}m^5n^5 + 3\frac{7}{114}m^2n^4 + 5\frac{1}{2}$$

$$1127) \left(1\frac{2}{5}x^2y^4 - 6x^2y^2\right) - \left(3\frac{1}{10}x^2y^2 - 1\frac{8}{11}xy^3 - 6\frac{2}{7}x^2y^4\right) + \left(4\frac{3}{4}x^2y^4 - 7xy^3 + 1\frac{1}{2}x^2y^2\right) \quad 12\frac{61}{140}x^2y^4 - 7\frac{3}{5}x^2y^2 -$$

$$1128) \left(1\frac{1}{7}a^2b^2 - \frac{2}{9}a^5b^2\right) + \left(4\frac{2}{13}a^3b^3 - 3\frac{13}{14}a^2b^2 + 4\frac{4}{11}a^5b^2\right) - \left(\frac{4}{5}a^5b^2 + \frac{3}{7}a^3b^3 + 1\frac{2}{9}a^2b^2\right) \quad 3\frac{169}{495}a^5b^2 + 3\frac{66}{91}a^3b^3$$

$$1129) \left(1\frac{1}{2} + 2u\right) - \left(\frac{7}{20}u^5v^5 - 1\frac{3}{4}uv^3 + 4\frac{4}{5}\right) + \left(5\frac{5}{12}u + \frac{4}{5}u^5v^5 - 1\frac{2}{3}uv^3\right) \quad \frac{9}{20}u^5v^5 + \frac{1}{12}uv^3 + 7\frac{5}{12}u - 3\frac{3}{10}$$

$$1130) \left(\frac{1}{18}x^3y + 1\frac{15}{19}xy^4\right) - \left(2\frac{1}{2}xy^4 + 4\frac{10}{13}x^3y + 1\frac{1}{15}x^4y^4\right) - \left(1\frac{10}{17}xy^4 - 3\frac{13}{16}x^4y^4 + 14\frac{1}{3}x^3y\right) \quad 2\frac{179}{240}x^4y^4 - 2\frac{193}{646}x^3y$$

$$1131) \left( \frac{5}{8}x^5y^4 + 1\frac{11}{19}x^4y^5 \right) + \left( \frac{1}{4}x^4y^5 + 4\frac{5}{11}x^3 + 2x^5y^4 \right) - \left( 4\frac{11}{12}x^5y^4 + 9\frac{3}{19}x^4y^5 + 2\frac{8}{9}x^4y^3 \right) \quad -2\frac{7}{24}x^5y^4 - 7\frac{25}{76}x^4y^5$$

$$1132) \left( 1\frac{1}{2}y - 1\frac{2}{9}x^5y^5 \right) + \left( 6\frac{7}{11}y + \frac{1}{3}x^5y^5 + 13\frac{1}{10}x^5y \right) + \left( 6\frac{11}{15}y - \frac{2}{17}x^3y^2 - \frac{5}{8}x^5y^5 \right) \quad -1\frac{37}{72}y^5x^5 + 13\frac{1}{10}yx^5 - \frac{2}{17}y^2$$

$$1133) \left( 1\frac{7}{12}mn^4 + 1\frac{2}{3}mn \right) - \left( 7mn - \frac{2}{3}n^3 - 2\frac{4}{5}mn^4 \right) - \left( 2mn + 1\frac{7}{13}mn^4 - 16\frac{1}{12}mn^2 \right) \quad 2\frac{659}{780}n^4m + \frac{2}{3}n^3 + 16\frac{1}{12}n^2m$$

$$1134) \left( 9\frac{2}{7}u^4v^2 - \frac{1}{2}u^2v \right) + \left( 2\frac{5}{9}u^3 - 1\frac{8}{11}u^4v^2 + 1\frac{1}{6}u^3v^2 \right) - \left( \frac{1}{14}u^3 + 9\frac{2}{7}u^3v^2 + 1\frac{7}{13}u^2v \right) \quad 7\frac{43}{77}u^4v^2 - 8\frac{5}{42}u^3v^2 + 2\frac{6}{1}$$

$$1135) \left( 13x^5y^2 + \frac{1}{2} \right) - \left( \frac{1}{9}x^5y^2 + 2\frac{5}{8}x^3y^5 + 7\frac{2}{13}y^3 \right) - \left( 1\frac{1}{2}y^3 - \frac{2}{3}x^3y^3 + 1\frac{3}{7}x^3y^5 \right) \quad -4\frac{3}{56}y^5x^3 + 12\frac{8}{9}x^5y^2 + \frac{2}{3}y^3x^3 -$$

$$1136) \left( 16m^4n^5 - \frac{7}{13}mn^2 \right) + \left( 1\frac{1}{3}mn^2 + m^4n^5 + \frac{3}{13}m^2n^4 \right) - \left( 2m^4n^5 + 10\frac{2}{9}m^2 + 9\frac{1}{3}m^2n^4 \right) \quad 15m^4n^5 - 9\frac{4}{39}m^2n^4 + \frac{31}{39}$$

$$1137) \left( 8\frac{1}{8}u^5v^3 + 8\frac{2}{15}u^4v^2 \right) - \left( 1\frac{1}{2}uv^4 - \frac{8}{11}u^2 - 1\frac{13}{17}u^2v^3 \right) - \left( 1\frac{1}{3}u^2v^3 + \frac{1}{7}u^2 + 7\frac{1}{2}uv^4 \right) \quad 8\frac{1}{8}u^5v^3 + 8\frac{2}{15}u^4v^2 - 9uv^4$$

$$1138) \left( \frac{4}{5}x^5y^5 + \frac{1}{2}xy^5 \right) + \left( \frac{1}{2}x^5y^5 + \frac{1}{4}xy^5 - 3\frac{1}{4}x^3y^2 \right) + \left( \frac{1}{3}x^5y^5 - 1\frac{1}{6}xy^5 + 3\frac{1}{6}xy \right) \quad 1\frac{19}{30}x^5y^5 - \frac{5}{12}xy^5 - 3\frac{1}{4}x^3y^2 + 3\frac{1}{6}$$

$$1139) \left( 1\frac{8}{15}x^3 - \frac{3}{11}x^2y^5 \right) + \left( 9\frac{5}{6}x^3 + x^5y^4 + 1\frac{5}{7}x^4y^3 \right) + \left( 16x^4y^3 + 5x^3 + \frac{5}{16}x^2y^5 \right) \quad x^5y^4 + \frac{7}{176}x^2y^5 + 17\frac{5}{7}x^4y^3 + 16$$

$$1140) \left( 19x^5y^2 - \frac{9}{19}x^3y^3 \right) + \left( \frac{7}{19}x^3y^3 + 5\frac{7}{11}x^5y^2 + \frac{7}{19}y^3 \right) - \left( 6\frac{13}{17}x^5y^2 + 4\frac{9}{20}x^3y^3 + \frac{10}{17}y^3 \right) \quad 17\frac{163}{187}y^2x^5 - 4\frac{211}{380}y^3$$

$$1141) \left( 7\frac{1}{4}m^2n^2 - \frac{7}{16}m^5n^4 \right) - \left( 1\frac{9}{16}n + \frac{1}{2}m^2n^2 + 2\frac{19}{20}m^5n^4 \right) + \left( 8\frac{9}{20}n + 1\frac{3}{4}m^5n^4 - 12m^2n^2 \right) \quad -1\frac{51}{80}n^4m^5 - 5\frac{1}{4}n^2m^2$$

$$1142) \left( 1\frac{3}{14}x^2y^2 - 2x^3y^4 \right) + \left( 4\frac{5}{6}x^3y^4 + 2\frac{5}{11}x^2y^2 - 1\frac{7}{9}x \right) - \left( 1\frac{3}{4}x^3y^4 + \frac{11}{16}x - \frac{9}{10}x^2y^2 \right) \quad 1\frac{1}{12}x^3y^4 + 4\frac{219}{385}x^2y^2 - 2\frac{1}{1}$$

$$1143) \left( \frac{1}{6}x^4y^4 + \frac{7}{11}x^5y^3 \right) + \left( 8\frac{13}{17}x^5y^3 + \frac{7}{13}x^4y^4 - \frac{1}{2}x^2y^4 \right) + \left( 9\frac{4}{11}x^5y^3 + 5\frac{1}{14}x^4y^4 + 9\frac{1}{3}x^2y^4 \right) \quad 5\frac{212}{273}x^4y^4 + 18\frac{13}{17}x$$

$$1144) \left(9\frac{16}{17}y + 1\frac{2}{17}x^3y^3\right) - \left(\frac{7}{8}x^3y^3 - 2\frac{3}{20} + 9\frac{12}{13}x^2y^3\right) - \left(1\frac{3}{4}x^2y^3 + 2 + 8\frac{1}{6}x^3y^3\right) - 7\frac{377}{408}y^3x^3 - 11\frac{35}{52}x^2y^3 + 9\frac{16}{17}$$

$$1145) \left(3\frac{3}{8}x^2 + 5\frac{11}{13}x^4y^2\right) + \left(8x^2 + 9\frac{4}{13}x^3y + 16\frac{11}{15}x^4y^2\right) + \left(4\frac{11}{19}x^3y - \frac{1}{4}x^2 - 1\frac{4}{9}x^4y^2\right) - 21\frac{79}{585}x^4y^2 + 13\frac{219}{247}x^3y +$$

$$1146) \left(a^3b^5 + 1\frac{5}{16}a^5b^5\right) - \left(9\frac{1}{12}a^5b^2 - 1\frac{1}{16}a^3b^5 + 1\frac{3}{5}b^2\right) + \left(\frac{1}{20}b^2 + 1\frac{12}{17}a^3b^5 - 3\frac{9}{13}a^5b^5\right) - 2\frac{79}{208}b^5a^5 + 3\frac{209}{272}b^5$$

$$1147) \left(\frac{2}{3}b^4 + 2\frac{1}{3}a^4b\right) + \left(2b^4 + 8\frac{2}{5}ab^2 + 10\frac{5}{8}\right) - \left(15ab^2 + 2b^4 + 1\frac{1}{20}\right) - 2\frac{1}{3}ba^4 + \frac{2}{3}b^4 - 6\frac{3}{5}ab^2 + 9\frac{23}{40}$$

$$1148) \left(1\frac{6}{11}x^2y^5 - 10x^3y^3\right) - \left(6\frac{1}{7}xy^2 + \frac{7}{18}x^2y^5 - 2\frac{13}{20}x^5y\right) - \left(10\frac{13}{18}x^2y^5 + 10\frac{7}{15}x^5y - \frac{1}{11}xy^2\right) - 9\frac{56}{99}x^2y^5 - 10x^3y^3$$

$$1149) (8mn + 8m^3n) - \left(1\frac{5}{19}mn - 1\frac{7}{12}mn^3 + 5\frac{4}{9}n^3\right) - \left(9\frac{1}{18}n^3 + 8\frac{1}{6}m^3n + \frac{3}{7}mn^3\right) - \frac{1}{6}nm^3 + 1\frac{13}{84}n^3m - 14\frac{1}{2}n^3 + 6$$

$$1150) \left(4\frac{5}{6}x^2y^3 + \frac{9}{10}y^3\right) - \left(3\frac{1}{9}xy^4 - 1\frac{7}{17}x^2y^3 - 2\frac{13}{18}y^3\right) - \left(1\frac{9}{10}x^4y + 4\frac{5}{8}xy^3 + 6x^2y^3\right) - \frac{25}{102}y^3x^2 - 3\frac{1}{9}y^4x - 1\frac{9}{10}y^3$$

$$1151) \left(\frac{7}{8}m^4n^3 + \frac{2}{9}m^4n\right) - \left(1\frac{3}{7}m^3n^3 + \frac{3}{5}n^5 + 10\frac{2}{9}mn^4\right) + \left(\frac{1}{2}mn^4 + \frac{3}{10}m^4n + 1\frac{3}{11}m^4n^3\right) - 2\frac{13}{88}n^3m^4 - 1\frac{3}{7}n^3m^3 + \frac{47}{90}$$

$$1152) \left(1\frac{4}{15}uv + 1\frac{5}{14}u^4v^2\right) - \left(uv^2 + 1\frac{5}{12}uv + 17u^4v^2\right) + \left(\frac{1}{2}u^4v^2 + 3\frac{15}{17}uv + 2uv^2\right) - 15\frac{1}{7}u^4v^2 + uv^2 + 3\frac{249}{340}uv$$

$$1153) \left(\frac{2}{7}x^3y^2 + \frac{5}{9}x^4\right) + \left(9x^4 - \frac{3}{11}x^2y^2 + \frac{3}{19}x^3y^2\right) + \left(\frac{5}{6}x^3y^2 + 1\frac{5}{6}x^2y^2 + 1\frac{17}{20}x^4\right) - 1\frac{221}{798}x^3y^2 + 11\frac{73}{180}x^4 + 1\frac{37}{66}x^2y^2$$

$$1154) \left(7\frac{7}{11}v^2 + 3\frac{5}{9}u^5v^5\right) - \left(6\frac{7}{20}v^2 + \frac{18}{19}v^4 + \frac{5}{9}u^5v^5\right) - \left(14u^5v^5 + 3\frac{1}{3}v^4 + 6v^2\right) - 11v^5u^5 - 4\frac{16}{57}v^4 - 4\frac{157}{220}v^2$$

$$1155) \left(9\frac{1}{3}y^3 + \frac{11}{15}xy^4\right) - \left(1\frac{1}{4}xy^4 + 1\frac{5}{7}y^3 - 2x^3y^3\right) - \left(13x^3y^3 + 1\frac{1}{8}xy^4 + 7\frac{7}{9}y^3\right) - 11y^3x^3 - 1\frac{77}{120}y^4x - \frac{10}{63}y^3$$

$$1156) \left(10\frac{12}{17}x^2y^3 + 17\frac{4}{9}x^3y^5\right) - \left(1\frac{4}{9}x^3y^5 + \frac{7}{20}x^2y^3 + \frac{4}{5}y\right) + \left(\frac{3}{11}x^2y^3 - 5x^5y - \frac{1}{5}x^3y^5\right) - 15\frac{4}{5}y^5x^3 - 5yx^5 + 10\frac{2351}{3740}$$

$$1157) \left(1\frac{5}{6}m^4n^5 - \frac{1}{3}n^4\right) + \left(1\frac{4}{11}mn - \frac{1}{6}m^3n^3 + \frac{3}{5}n^4\right) + \left(8\frac{3}{7}mn + \frac{4}{5}m^3n^3 - 1\frac{3}{5}m^4n^5\right) \quad \frac{7}{30}n^5m^4 + \frac{19}{30}n^3m^3 + \frac{4}{15}n^4 + 9$$

$$1158) \left(7\frac{5}{18}a^2 + 1\frac{4}{7}ab^4\right) - \left(10\frac{5}{6}ab^4 + \frac{19}{20}ab^2 - 1\frac{6}{19}a^2\right) + \left(\frac{3}{8}ab^2 + 9\frac{2}{3}ab^4 + 1\frac{1}{2}a^2\right) \quad \frac{17}{42}ab^4 - \frac{23}{40}ab^2 + 10\frac{16}{171}a^2$$

$$1159) (7m^4n^3 - 19m^3n^2) - \left(4\frac{5}{16}m^5 + 8\frac{1}{13}m^4n^3 + 1\frac{5}{11}m^4n^2\right) + \left(8\frac{1}{6}m^3n^2 + 10\frac{1}{2}m^4n^2 + 2\frac{10}{13}m^5\right) \quad -1\frac{1}{13}m^4n^3 + 9$$

$$1160) \left(1\frac{1}{9} + x\right) - \left(\frac{2}{5}y^2 - \frac{2}{5}x^5y^2 - \frac{3}{7}\right) + \left(2\frac{1}{3}y^2 + 1\frac{5}{6}x^5y^2 - \frac{4}{9}x\right) \quad 2\frac{7}{30}x^5y^2 + 1\frac{14}{15}y^2 + \frac{5}{9}x + 1\frac{34}{63}$$

$$1161) \left(4\frac{2}{5}x^2y^5 - \frac{4}{7}x^2y\right) - \left(1\frac{4}{5}x^3y^2 + 8\frac{5}{8}x^2y - 1\frac{3}{5}\right) + \left(\frac{9}{20} + 1\frac{13}{18}x^3y^2 + 9\frac{17}{20}x^2y^5\right) \quad 14\frac{1}{4}x^2y^5 - \frac{7}{90}x^3y^2 - 9\frac{11}{56}x^2y +$$

$$1162) \left(1\frac{11}{12}u^5v^2 + 1\frac{1}{7}u^3v^2\right) - \left(20v^5 + 5\frac{11}{13}u^3v + \frac{8}{9}u^5v^2\right) + \left(u^2v - 1\frac{2}{15}u^3v - 2\frac{7}{12}u^3v^2\right) \quad 1\frac{1}{36}v^2u^5 - 1\frac{37}{84}v^2u^3 - 20v$$

$$1163) \left(5\frac{13}{15}a^2b^4 - 1\frac{5}{9}a^2b\right) + \left(1\frac{2}{5}a^2b + \frac{1}{7}a^2b^4 - 2\frac{5}{6}a^3b^4\right) + \left(\frac{2}{3}a^2b + 1\frac{2}{3}a^2b^4 - \frac{4}{19}a^3b^4\right) \quad -3\frac{5}{114}a^3b^4 + 7\frac{71}{105}a^2b^4$$

$$1164) \left(1\frac{2}{7}x^4y^2 - 2x^5y\right) + \left(1\frac{5}{8}x^3y^4 + 10\frac{7}{12}x^5y + 1\frac{7}{16}x^4y^2\right) - \left(10\frac{8}{11}x^5y - 1\frac{5}{13}x^3y^4 + \frac{3}{10}x^4y^2\right) \quad 3\frac{1}{104}x^3y^4 + 2\frac{237}{560}$$

$$1165) \left(5\frac{8}{19}m^2n^2 + 2\frac{3}{16}m^2\right) + \left(11m^5n + 10\frac{5}{7}m^5 + 1\frac{2}{5}m^2n^2\right) - \left(2m^5n + 12\frac{1}{10}m^2n^2 - 1\frac{5}{6}m^2\right) \quad 9m^5n + 10\frac{5}{7}m^5 - 5\frac{5}{1}$$

$$1166) \left(15x^4 + 2\frac{8}{15}x^5y^5\right) - \left(\frac{17}{18}x^4 - \frac{2}{19} + 1\frac{10}{13}x^5y^5\right) - \left(6\frac{3}{10}x^4 + \frac{1}{17} + 6\frac{1}{3}x^5y^5\right) \quad -5\frac{37}{65}x^5y^5 + 7\frac{34}{45}x^4 + \frac{15}{323}$$

$$1167) \left(2xy + \frac{2}{3}x^3\right) + \left(1\frac{3}{17}x^3 + 5\frac{3}{14}xy - 1\frac{3}{8}x^2y^3\right) + \left(3\frac{5}{14}xy - 15x^2y^4 + \frac{4}{15}x^3\right) \quad -15x^2y^4 - 1\frac{3}{8}x^2y^3 + 2\frac{28}{255}x^3 + 10$$

$$1168) \left(11\frac{13}{16}u^5v^3 + 2\frac{11}{14}u^4v^2\right) - \left(1\frac{17}{18}u^4v^2 + 6\frac{7}{16}u^5v^3 - 2u^3\right) + \left(4\frac{7}{15}u^5v^5 + 5\frac{4}{9}u^3 + \frac{1}{2}u^4v^2\right) \quad 4\frac{7}{15}u^5v^5 + 5\frac{3}{8}u^5v^3 -$$

$$1169) \left(1\frac{1}{2}x^2y^5 + 9\frac{4}{9}xy^2\right) + \left(11x^2y^5 + 8\frac{1}{12}x^5y^2 + 6\frac{1}{6}xy^2\right) + \left(8\frac{7}{10}x^5y^2 + 4\frac{14}{15}xy^2 - \frac{1}{18}x^2y^5\right) \quad 12\frac{4}{9}x^2y^5 + 16\frac{47}{60}x^5y$$

$$1170) \left(8\frac{1}{4}u^2 + \frac{4}{5}u^3v\right) - \left(1\frac{13}{19}uv^5 + \frac{1}{13}u^3v + 8\frac{6}{7}u^2\right) + \left(\frac{9}{16}u^3v + 4\frac{14}{15}u^4v^3 + 1\frac{1}{10}uv^5\right) \quad 4\frac{14}{15}u^4v^3 - \frac{111}{190}uv^5 + 1\frac{297}{1040}$$

$$1171) \left(1\frac{1}{4}x^3y^5 - \frac{1}{4}y^3\right) + \left(\frac{5}{12} + 8\frac{5}{12}x^3y^5 + 10\frac{1}{6}xy\right) + \left(\frac{2}{3}xy + 4\frac{7}{10}x - \frac{2}{5}x^3y^5\right) \quad 9\frac{4}{15}y^5x^3 - \frac{1}{4}y^3 + 10\frac{5}{6}xy + 4\frac{7}{10}x +$$

$$1172) \left(6\frac{2}{7}xy - 1\frac{3}{5}x^3\right) - \left(1\frac{5}{7}xy + 3\frac{8}{15}x^3 + 1\frac{13}{19}y^4\right) - \left(7\frac{1}{2}xy - \frac{5}{7}x^3 + 1\frac{3}{4}y^4\right) \quad -3\frac{33}{76}y^4 - 4\frac{44}{105}x^3 - 2\frac{13}{14}xy$$

$$1173) \left(1\frac{7}{17}m^2n^3 - 1\frac{3}{7}mn^2\right) + \left(1\frac{11}{16}n - 2\frac{4}{19} + 8\frac{5}{8}mn^2\right) + \left(1\frac{3}{11}m^2n^3 - 1\frac{15}{17}mn - 1\right) \quad 2\frac{128}{187}m^2n^3 + 7\frac{11}{56}mn^2 - 1\frac{15}{17}m$$

$$1174) \left(1\frac{1}{5}x^5y - 1\frac{1}{19}y\right) - \left(9\frac{9}{11}y + 10\frac{1}{5}x^5y^5 + 10\frac{10}{19}x^5y\right) + \left(1\frac{1}{2}x^5y^5 + 13y + 2\frac{5}{11}y^3\right) \quad -8\frac{7}{10}y^5x^5 - 9\frac{31}{95}yx^5 + 2\frac{5}{11}$$

$$1175) \left(1\frac{3}{11}x^5y^4 + \frac{1}{16}y\right) - \left(10\frac{3}{4}y - 3\frac{11}{14}x^5y^4 + 4\frac{1}{4}xy^3\right) + \left(3\frac{3}{4}x^5y^4 + 1\frac{5}{17}y + 9\frac{11}{18}xy^3\right) \quad 8\frac{249}{308}y^4x^5 + 5\frac{13}{36}y^3x - 9\frac{10}{27}$$

$$1176) \left(1\frac{2}{3}x^3y^2 - 1\frac{13}{18}x^2y\right) + \left(2\frac{1}{2}x^3y^2 - 1\frac{5}{8}x^2y + 1\frac{5}{8}y^4\right) + \left(6\frac{13}{16}x^3y^2 - \frac{7}{11}y^4 - 1\frac{13}{16}x^2y\right) \quad 10\frac{47}{48}y^2x^3 + \frac{87}{88}y^4 - 5\frac{2}{14}$$

$$1177) \left(\frac{11}{14}x - 2\frac{1}{10}x^3\right) + \left(3\frac{7}{10}x^3 + 8\frac{5}{6}x + 6\frac{5}{13}\right) - \left(1\frac{1}{3}x^3 - 1\frac{1}{4}x + 1\frac{15}{16}\right) \quad \frac{4}{15}x^3 + 10\frac{73}{84}x + 4\frac{93}{208}$$

$$1178) \left(\frac{6}{11}a^3b^4 - 1\frac{1}{2}ab\right) + \left(\frac{11}{13}a^2 + 1\frac{1}{7}a^2b - 10a^3b^4\right) + \left(\frac{2}{3}ab + 4\frac{5}{12}a^2b + \frac{1}{9}a^3b^4\right) \quad -9\frac{34}{99}a^3b^4 + 5\frac{47}{84}a^2b + \frac{11}{13}a^2 - \frac{5}{6}$$

$$1179) \left(5\frac{18}{19}ab^5 + 2a^2\right) + \left(2\frac{4}{17}ab^3 + 5\frac{16}{19}ab^5 + 1\frac{13}{14}a^5b^4\right) - \left(1\frac{9}{16}a^5b^4 - 2ab^5 - 3\frac{3}{4}a^2\right) \quad \frac{41}{112}a^5b^4 + 13\frac{15}{19}ab^5 + 2\frac{4}{17}$$

$$1180) \left(4\frac{17}{18}u^4v^4 + 20\frac{9}{16}uv^2\right) - \left(2uv^5 + 2\frac{1}{2}u^4v^4 + \frac{5}{6}u^5v^2\right) + \left(7\frac{8}{15}v^4 + 9\frac{3}{4}uv^2 + \frac{1}{2}uv^5\right) \quad 2\frac{4}{9}v^4u^4 - \frac{5}{6}v^2u^5 - 1\frac{1}{2}v^5u -$$

$$1181) \left(5\frac{13}{14}x^5 - 1\frac{1}{2}x^2y^3\right) - \left(9\frac{9}{11}xy^3 - 1\frac{1}{2}x^3 + 8\frac{3}{7}x^2y^3\right) + \left(1\frac{4}{5}x^2y^3 + 9\frac{12}{13}xy^3 + 8\frac{10}{19}x^5\right) \quad 14\frac{121}{266}x^5 - 8\frac{9}{70}x^2y^3 +$$

$$1182) \left(5\frac{1}{2}y + 10\frac{1}{2}\right) + \left(9\frac{1}{18}x^5y - 1\frac{5}{7}y - 1\frac{3}{8}\right) - \left(7\frac{5}{7}y + 1\frac{1}{3}x^5y - 16x^3\right) \quad 7\frac{13}{18}yx^5 + 16x^3 - 3\frac{13}{14}y + 9\frac{1}{8}$$



$$1183) \left( y + 1 \frac{16}{19} x^3 y^4 \right) + \left( 7 \frac{5}{11} x^3 y^4 - \frac{2}{3} x^5 + 2y \right) + \left( 1 \frac{4}{5} y - \frac{9}{14} x^3 y^4 - 19x^2 y \right) \quad 8 \frac{1913}{2926} y^4 x^3 - \frac{2}{3} x^5 - 19yx^2 + 4 \frac{4}{5} y$$

$$1184) \left( 2 \frac{3}{4} uv + 7 \frac{7}{10} u^4 v^3 \right) + \left( \frac{4}{15} u^4 v + 7 \frac{3}{8} u^4 v^3 + 5 \frac{4}{15} uv \right) + \left( 10uv - 1 \frac{2}{5} u^4 v + 5 \frac{2}{15} u^4 v^3 \right) \quad 20 \frac{5}{24} u^4 v^3 - 1 \frac{2}{15} u^4 v + 18 \frac{0}{1}$$

$$1185) \left( 8 \frac{10}{19} a + 9 \frac{1}{4} \right) - \left( 7 \frac{3}{4} a - 1 \frac{13}{15} a^2 b^4 - 4 \frac{5}{18} \right) + \left( \frac{7}{10} a^2 b^4 + 18a + 9 \frac{4}{7} \right) \quad 2 \frac{17}{30} a^2 b^4 + 18 \frac{59}{76} a + 23 \frac{25}{252}$$

$$1186) \left( 2x^5 y^2 + 1 \frac{5}{7} x^5 y^4 \right) - \left( 2 \frac{11}{16} x^4 y^5 + \frac{2}{3} x^5 y^4 - 1 \frac{1}{2} x^5 y^2 \right) - \left( 3 \frac{1}{13} x^4 y^5 + \frac{7}{10} x^5 y^2 + 9 \frac{2}{5} x^5 y^4 \right) \quad -8 \frac{37}{105} x^5 y^4 - 5 \frac{159}{208} x^5 y^2$$

$$1187) \left( 10 \frac{4}{11} y^5 + 1 \frac{2}{11} x^4 \right) - \left( 1 \frac{3}{7} x^4 + y^5 + \frac{2}{7} x^4 y \right) - \left( 1 \frac{7}{8} y^5 + \frac{10}{13} x^4 + 1 \frac{1}{11} x^4 y \right) \quad 7 \frac{43}{88} y^5 - 1 \frac{29}{77} x^4 y - 1 \frac{16}{1001} x^4$$

$$1188) \left( 1 \frac{1}{15} xy^5 - 2 \frac{1}{14} x^2 \right) - \left( \frac{1}{5} xy^5 - 7xy - 2 \frac{5}{6} x^4 y^4 \right) - \left( 6 \frac{4}{9} x^3 - 3 \frac{6}{7} xy^5 + 14x^2 \right) \quad 2 \frac{5}{6} x^4 y^4 + 4 \frac{76}{105} xy^5 - 6 \frac{4}{9} x^3 - 16 \frac{1}{14} x^2$$

$$1189) \left( 2mn^2 + 3 \frac{1}{2} m^2 n^2 \right) - \left( 1 \frac{1}{6} m^3 n + 5 \frac{1}{12} mn^2 + 2 \frac{13}{14} m^5 n \right) + \left( 1 \frac{1}{2} m^4 n^5 - 1 \frac{6}{7} mn^2 + \frac{6}{13} m^5 n \right) \quad 1 \frac{1}{2} m^4 n^5 - 2 \frac{85}{182} m^5 n$$

$$1190) \left( \frac{5}{6} a^3 b^4 + 2 \frac{7}{12} ab^3 \right) - \left( 8 \frac{3}{14} a^3 b^4 + 1 \frac{1}{6} a^5 + 10 \frac{1}{2} ab^3 \right) + \left( 1 \frac{5}{14} a^4 b^5 + 8 \frac{2}{17} ab^3 + \frac{17}{19} a^5 \right) \quad 1 \frac{5}{14} a^4 b^5 - 7 \frac{8}{21} a^3 b^4 - 10 \frac{1}{19} a^5$$

$$1191) \left( \frac{3}{10} n + 1 \frac{3}{4} m^4 n^2 \right) - \left( \frac{13}{19} m^5 n^4 - \frac{3}{4} m^4 + 8 \frac{17}{19} m^4 n^2 \right) + \left( 1 \frac{1}{13} m^5 n^4 - \frac{1}{5} n - 5 \frac{11}{14} m^4 \right) \quad \frac{97}{247} m^5 n^4 - 7 \frac{11}{76} n^2 m^4 - 5 \frac{1}{28} n - 5 \frac{11}{14} m^4$$

$$1192) \left( 9 \frac{2}{3} x^5 y^2 + 1 \frac{1}{3} x \right) - \left( \frac{4}{5} x^2 + 1 \frac{9}{16} x - 2 \frac{5}{14} x^4 \right) - \left( 1 \frac{9}{13} x^2 + 1 \frac{5}{7} x^5 y^2 - 20x \right) \quad 7 \frac{20}{21} x^5 y^2 + 2 \frac{5}{14} x^4 - 2 \frac{32}{65} x^2 + 19 \frac{37}{48} x$$

$$1193) \left( 1 \frac{7}{11} x^2 y^5 + 10 \frac{2}{15} x^5 y^2 \right) - \left( 3 \frac{1}{3} x^5 y^3 + \frac{1}{4} x^2 y^5 + 1 \frac{1}{2} x^5 y^2 \right) - \left( 1 \frac{3}{10} xy + 9 \frac{1}{7} x^5 y^2 + 1 \frac{1}{3} x^5 y^3 \right) \quad -4 \frac{2}{3} x^5 y^3 - \frac{107}{210} x^5 y^2$$

$$1194) \left( 7 \frac{12}{13} uv^5 - \frac{17}{18} u^3 v^5 \right) - \left( 6 \frac{7}{8} uv^5 - 1 \frac{1}{2} u^3 v^5 + \frac{1}{5} u^2 v^5 \right) + \left( 3 \frac{8}{11} u^2 v^2 - 2uv^5 - 2 \right) \quad \frac{5}{9} u^3 v^5 - \frac{1}{5} u^2 v^5 - \frac{99}{104} uv^5 + 3 \frac{8}{11}$$

$$1195) \left( 5 \frac{17}{19} y^3 + 1 \frac{1}{2} x^5 y \right) + \left( 6 \frac{3}{8} y^3 - 1 \frac{13}{16} x^5 y - \frac{1}{9} x^2 y^4 \right) + \left( 3 \frac{1}{7} x^5 y + \frac{4}{5} x^4 y^2 + 1 \frac{1}{2} y^3 \right) \quad 2 \frac{93}{112} yx^5 - \frac{1}{9} y^4 x^2 + \frac{4}{5} y^2 x^4 + 1 \frac{1}{2} y^3$$

$$1196) \left(9\frac{7}{12}x^3y + 7\right) + \left(3\frac{17}{20} - 1\frac{4}{5}x^3y + 2xy^3\right) - \left(6\frac{9}{11}x^3y - xy^3 - 1\frac{3}{14}\right) \quad \frac{637}{660}x^3y + 3xy^3 + 12\frac{9}{140}$$

$$1197) \left(\frac{1}{14}x^4y^4 + 4\frac{9}{11}y^5\right) - \left(4\frac{2}{7}x^4y^4 + 19\frac{5}{18} - 2\frac{2}{5}y^5\right) + \left(x^4y^4 - \frac{10}{11}y^5 - \frac{1}{3}\right) \quad -3\frac{3}{14}y^4x^4 + 6\frac{17}{55}y^5 - 19\frac{11}{18}$$

$$1198) \left(9a^2b^2 + 5\frac{3}{8}b^5\right) - \left(\frac{1}{3}b^5 - 1\frac{1}{3}a^2b^2 - \frac{5}{6}b\right) + \left(5\frac{9}{20}b + 1\frac{1}{2}b^5 - \frac{3}{17}a^2b^2\right) \quad 6\frac{13}{24}b^5 + 10\frac{8}{51}b^2a^2 + 6\frac{17}{60}b$$

$$1199) \left(a^5b^4 + 7\frac{10}{13}a^3\right) - \left(2\frac{16}{19}a^4b^5 + \frac{1}{4}a^3 - a^5b^4\right) - \left(\frac{2}{5}a^3 - \frac{1}{3}a^5b^4 + 3\frac{3}{17}a^4b^5\right) \quad 2\frac{1}{3}a^5b^4 - 6\frac{6}{323}a^4b^5 + 7\frac{31}{260}a^3$$

$$1200) \left(\frac{1}{2}x^4y^5 + 2\frac{1}{14}y^3\right) + \left(\frac{2}{5}y + 1\frac{6}{7}y^5 + 5\frac{16}{17}x^4y^5\right) - \left(1\frac{5}{7}y + 7\frac{3}{4}x^4y^5 + \frac{13}{18}y^5\right) \quad -1\frac{21}{68}y^5x^4 + 1\frac{17}{126}y^5 + 2\frac{1}{14}y^3 - 1$$

$$1201) \left(\frac{5}{19}m^2n^5 + 28\frac{2}{7}m^5\right) + \left(15\frac{4}{9}m^5 + 23\frac{7}{16} - \frac{29}{42}m^2n^5\right) - \left(m^5 + 1\frac{28}{39}m^2n^5 + 1\frac{2}{43}\right) \quad -2\frac{1507}{10374}m^2n^5 + 42\frac{46}{63}m^5 + 2$$

$$1202) \left(1\frac{5}{17}x^3 + 1\frac{13}{14}y^4\right) - \left(\frac{6}{35}xy^5 + 9\frac{19}{26}y^4 - 1\frac{23}{26}x^3\right) - \left(1\frac{1}{4}y^4 + 14\frac{7}{16}x^3 + 2\frac{1}{13}xy^5\right) \quad -2\frac{113}{455}y^5x - 9\frac{19}{364}y^4 - 11\frac{9}{3}$$

$$1203) \left(3\frac{7}{12}uv^4 - \frac{1}{26}u^5v\right) + \left(\frac{11}{14}u^4v^3 - 3\frac{1}{12}uv^4 + 44\right) - \left(1\frac{1}{2}u^4v^3 + 1\frac{5}{8} + 1\frac{2}{7}uv^4\right) \quad -\frac{5}{7}u^4v^3 - \frac{1}{26}u^5v - \frac{11}{14}uv^4 + 42\frac{3}{8}$$

$$1204) \left(20\frac{17}{36}x^3y^5 - 2xy^3\right) - \left(8\frac{9}{38}x^3y^2 + 7\frac{1}{14}x^2y^3 + \frac{4}{23}x^3y^5\right) + \left(28x^3y^2 + 14\frac{1}{21}x^2y^3 + 1\frac{4}{23}x^2y^4\right) \quad 20\frac{247}{828}x^3y^5 + 1$$

$$1205) \left(22\frac{1}{7}ab^5 - \frac{3}{4}a^4b^4\right) - \left(\frac{31}{48}a^4b^4 + 1\frac{9}{10}ab^5 - 1\frac{4}{13}a^2b^3\right) - \left(1\frac{1}{2}a^4b^4 - \frac{3}{5}a^2b^3 - 1\frac{2}{5}ab^5\right) \quad -2\frac{43}{48}a^4b^4 + 21\frac{9}{14}ab^5$$

$$1206) \left(27x^5y^3 + 20\frac{9}{10}x^5y\right) - \left(1\frac{17}{21}x^5y + 4\frac{21}{26}x^5y^4 + 19\frac{12}{23}x^5y^3\right) - \left(\frac{9}{13}x^5y + \frac{3}{5}x^5y^3 + 15\frac{24}{25}x^5y^4\right) \quad -20\frac{499}{650}x^5y^4 + 6$$

$$1207) \left(y^5 - \frac{1}{3}xy^3\right) - \left(16\frac{21}{26}y^5 + 21\frac{3}{22}xy^3 + \frac{2}{11}x^5y^2\right) - \left(5\frac{44}{49}x^5y^2 + 22\frac{2}{5}y^5 - 1\frac{1}{15}xy^3\right) \quad -6\frac{43}{539}y^2x^5 - 38\frac{27}{130}y^5 - 2$$

$$1208) \left(u^5v^5 + 18\frac{25}{33}u^3\right) - \left(1\frac{3}{5}u^2v + 12\frac{33}{35}u^3 - \frac{1}{13}u^5v^4\right) - \left(24\frac{15}{38}u^3 - 1\frac{5}{11}u^2v + \frac{17}{21}u^5v^2\right) \quad u^5v^5 + \frac{1}{13}u^5v^4 - \frac{17}{21}u^5v^2$$

$$1209) \left(6\frac{1}{15}n + 1\frac{26}{29}m^5n\right) + \left(2n - 1\frac{5}{7}m^5n + 24\frac{4}{47}m^2n^5\right) + \left(25m^5n + 1\frac{11}{13}n + 7\frac{20}{37}m^2n^5\right) - 30\frac{52761601}{68838315}n^5m^2 + 25\frac{3}{2}$$

$$1210) \left(1\frac{21}{26}m^2n^3 + 1\frac{19}{20}m\right) + \left(1\frac{1}{2}mn^4 - 3\frac{3}{10}m^2n^3 + 20\frac{2}{13}m\right) - \left(\frac{1}{3}mn^4 + 10\frac{1}{2}m - \frac{7}{25}m^2n^3\right) - 1\frac{69}{325}m^2n^3 + 1\frac{1}{6}mn^4$$

$$1211) \left(\frac{3}{5}uv^2 - \frac{6}{11}u^3\right) + \left(1\frac{1}{13}v^5 - 1\frac{4}{5}u^3 + 21\frac{13}{18}uv^2\right) + \left(23\frac{1}{2}uv^2 - u^3 + 24\frac{17}{44}v^5\right) - 25\frac{265}{572}v^5 - 3\frac{19}{55}u^3 + 45\frac{37}{45}uv^2$$

$$1212) \left(16\frac{3}{10}x^4y^5 + 6\frac{1}{27}x^5y^3\right) + \left(23\frac{8}{17}x^5y^3 + 2\frac{17}{38}y^5 + 1\frac{3}{4}x\right) - \left(1\frac{1}{5}y^5 - \frac{7}{11}x^5y^3 + 12\frac{13}{20}x^4y^5\right) - 3\frac{13}{20}x^4y^5 + 30\frac{727}{504}$$

$$1213) \left(\frac{19}{42}y^2 + 1\frac{11}{41}x^3y^5\right) + \left(1\frac{12}{23}y^2 + 42\frac{6}{13}x^5 - 1\frac{2}{5}x^3y^5\right) + \left(\frac{1}{2}y^4 - 1\frac{1}{6}x^3y^5 + 17\frac{14}{15}x^2y^3\right) - 1\frac{367}{1230}y^5x^3 + 42\frac{6}{13}x^5y^2$$

$$1214) \left(1\frac{8}{9}ab^5 + 11\frac{10}{11}\right) + \left(1\frac{1}{9}ab^5 + 37\frac{38}{45}a^2b^5 + 23\frac{9}{22}ab^2\right) + \left(11a^2b^5 + 1\frac{2}{27}a^4 - 3\frac{5}{6}\right) - 48\frac{38}{45}a^2b^5 + 3ab^5 + 1\frac{2}{27}a^4$$

$$1215) \left(9\frac{2}{11}a^4b^4 + 39b^4\right) + \left(12\frac{35}{46}a^4b^4 + \frac{1}{6}a^2b^3 + 13\frac{43}{49}b^4\right) - \left(2\frac{1}{3}a^2b^3 + 1\frac{11}{18}a^4b^4 - 49b^4\right) - 20\frac{755}{2277}b^4a^4 - 2\frac{1}{6}b^3a^2$$

$$1216) \left(1\frac{2}{5}u^3v^3 + \frac{5}{9}uv^3\right) - \left(uv^3 - 1\frac{9}{16}u^5v^3 + 22\frac{23}{50}u^3v^3\right) - \left(2u^3v^3 + 20\frac{1}{32}u^5v^3 + \frac{6}{13}uv^3\right) - 18\frac{15}{32}u^5v^3 - 23\frac{3}{50}u^3v^3$$

$$1217) \left(1\frac{13}{15}x^3y^4 + 11\frac{11}{23}xy\right) - \left(25\frac{1}{27}xy - x^2y^2 + 19\frac{25}{44}x^3y^4\right) + \left(1\frac{3}{8}xy + 18\frac{15}{32}x^2y^2 - 24x^3y^4\right) - 41\frac{463}{660}x^3y^4 + 19\frac{15}{32}$$

$$1218) \left(17\frac{5}{6}x^2y + \frac{5}{8}y^3\right) + \left(14\frac{1}{4}y^3 + 8\frac{3}{14}x^3 + \frac{1}{2}x^2y\right) + \left(\frac{14}{29}x^2y + 46\frac{41}{45}y^3 + 9\frac{2}{5}x^3\right) - 18\frac{71}{87}yx^2 + 61\frac{283}{360}y^3 + 17\frac{43}{70}x^3y^2$$

$$1219) \left(1\frac{5}{7}x^2y^4 - \frac{5}{12}x^3y^5\right) - \left(10\frac{13}{20}x^2y^4 - 40\frac{9}{35}x^4y + \frac{11}{12}xy^5\right) + \left(3\frac{41}{50}x^3y^3 + 1\frac{10}{11}x^4y + 22\frac{23}{34}xy^5\right) - \frac{5}{12}x^3y^5 - 8\frac{13}{14}$$

$$1220) \left(\frac{1}{4}x^5y^3 - x^5y^4\right) - \left(16\frac{5}{26}x^5y^3 + 20\frac{17}{50}x^2y^4 + 2x^5y^4\right) - \left(1\frac{16}{47}x^5y^3 - \frac{9}{13}x^2y^4 + 1\frac{1}{8}x^2y^5\right) - 3x^5y^4 - 17\frac{691}{2444}x^5y^3$$

$$1221) \left(23\frac{5}{47}y^4 + 1\frac{1}{5}x^2y^3\right) - \left(25\frac{12}{29}x^4y^4 - 1\frac{2}{9}x^4y^3 - 1\frac{17}{21}y^4\right) + \left(\frac{6}{19}x^4y^3 + 1\frac{41}{42}x^4y^4 + \frac{9}{40}x^2y^3\right) - 23\frac{533}{1218}y^4x^4 + 1$$

$$1222) \left(19\frac{11}{45}u^4v + 22\frac{11}{12}u^5v\right) - \left(1\frac{11}{24}u^5v - 1\frac{23}{38}u^4v + \frac{5}{9}u^2v^3\right) + \left(4\frac{11}{24}u^2v^5 + 1\frac{1}{5}u^2v^3 - 1\frac{2}{7}u^4v\right) \quad 4\frac{11}{24}u^2v^5 + 21\frac{11}{24}u^5v$$

$$1223) \left(50y - 1\frac{19}{24}x^3y^3\right) + \left(1\frac{3}{37}x^3y^3 - 1\frac{12}{29}x^4y^5 - 1\frac{25}{38}y\right) - \left(\frac{10}{19}x^4y^5 - 1\frac{4}{11}x^2y^4 - \frac{6}{11}x^3y^3\right) \quad -1\frac{518}{551}y^5x^4 - \frac{1613}{9768}y^3$$

$$1224) \left(\frac{5}{42}m^2n^5 + 1\frac{1}{3}m^5\right) - \left(6\frac{21}{26}m^5 - 1\frac{7}{24}m^5n^4 + 28m^2n^5\right) + \left(4\frac{7}{13}m^4n^4 + 1\frac{19}{31}m^5 + 22\frac{24}{35}m^2n^5\right) \quad 1\frac{7}{24}m^5n^4 + 4\frac{7}{13}m^4n^4$$

$$1225) \left(y^2 + 1\frac{3}{16}x^4y^2\right) + \left(22x^4y^2 - \frac{15}{37}y^2 + 1\frac{11}{17}y^4\right) + \left(25\frac{2}{15}y^4 + 24\frac{9}{10}x^4y^2 - 43y^2\right) \quad 48\frac{7}{80}y^2x^4 + 26\frac{199}{255}y^4 - 42\frac{1}{3}y^2$$

$$1226) \left(10\frac{5}{6}uv^3 - 1\frac{23}{33}u^3\right) - \left(2\frac{3}{4}uv^3 + 7\frac{9}{37} + 1\frac{6}{13}u^3\right) + \left(2uv^3 + 25\frac{5}{8} + 1\frac{37}{47}u^3\right) \quad 10\frac{1}{12}uv^3 - 1\frac{7486}{20163}u^3 + 18\frac{113}{296}$$

$$1227) \left(8\frac{7}{29}n^4 + \frac{30}{37}m^5n^3\right) + \left(1\frac{1}{26}m^2n + 4\frac{5}{19}n^4 + \frac{7}{11}m^5n^3\right) + \left(4\frac{20}{31}n^4 - 3\frac{20}{31}m^4n^5 - 1\frac{2}{31}m^3n^2\right) \quad -3\frac{20}{31}n^5m^4 + 1\frac{18}{40}m^5n^3$$

$$1228) \left(1\frac{3}{43}x^5y^4 + 1\frac{4}{19}x^2\right) + \left(1\frac{3}{5}x^2 + 15\frac{1}{17}x^5y^4 + 23\frac{9}{46}x^2y\right) + \left(1\frac{23}{24}x^2y + \frac{5}{6}xy^3 + \frac{1}{11}x^4y\right) \quad -4\frac{12788854}{52708755}x^5y^4 + \frac{1}{11}x^4y$$

$$1229) \left(\frac{2}{11}y^4 + 25\frac{25}{42}y^2\right) + \left(1\frac{3}{11}x^4y^2 + 25\frac{7}{22}y^2 + 11\frac{3}{20}x^2y^2\right) + \left(44\frac{6}{43}x^4y + \frac{11}{27}x^4y^2 + 9x^2y^2\right) \quad 1\frac{202}{297}y^2x^4 + 44\frac{6}{43}y^4$$

$$1230) \left(6\frac{17}{49}a^4b^4 + 1\frac{10}{19}a^2b^3\right) - \left(1\frac{7}{19}b^3 - 1\frac{24}{35}a^2b^3 + 14\frac{18}{25}a^4b^4\right) + \left(21\frac{17}{43}a^4b^4 + 1\frac{14}{45}b^3 - \frac{25}{39}a^2b^3\right) \quad 13\frac{1174}{52675}b^4a^4$$

$$1231) \left(\frac{2}{9}xy^5 - 32x^5y\right) - \left(\frac{9}{10}x^4y^3 - x^5y + 1\frac{13}{32}xy^5\right) - \left(1\frac{3}{10}xy^5 - \frac{13}{35}x^4y^3 + 1\frac{12}{25}x^5y\right) \quad -\frac{37}{70}x^4y^3 - 2\frac{697}{1440}xy^5 - 32\frac{12}{25}x^5y$$

$$1232) \left(\frac{1}{2}xy^3 + 1\frac{1}{5}xy^2\right) + \left(24\frac{11}{24}xy^3 + 13\frac{13}{41}x^3y^5 + 20\frac{31}{44}xy^2\right) + \left(1\frac{5}{29}x^3y^2 + 22\frac{1}{49}xy^3 + 1\frac{2}{27}x^3y^5\right) \quad 1\frac{84827896}{86517585}x^3y^5$$

$$1233) \left(\frac{4}{9}m^3n^4 + 8\frac{39}{44}m^5n^5\right) - \left(17\frac{19}{26}m^3n^4 - 1\frac{41}{48}m^5n^5 + \frac{7}{8}m^2\right) - \left(\frac{5}{9}m^4n^3 + 21\frac{8}{15}m^3n^4 - 1\frac{4}{41}m^5n^5\right) \quad 11\frac{18143}{21648}m^5n^5$$

$$1234) \left(\frac{11}{28}y^5 - 1\frac{3}{32}xy^2\right) - \left(35y^3 - 2\frac{7}{26}xy^3 + 44y^5\right) + \left(12\frac{2}{13}xy^2 - \frac{2}{5}xy^3 - \frac{20}{43}y^3\right) \quad -43\frac{17}{28}y^5 + 1\frac{113}{130}y^3x - 35\frac{20}{43}y^3$$

$$1235) (mn^5 - 47mn) + \left(\frac{1}{3}mn + 17\frac{2}{27}m^5n^2 - 5\frac{27}{43}m^3n^2\right) + \left(1\frac{5}{13}mn + 1\frac{1}{2}m^5n^2 - 3\frac{17}{28}m^3n^2\right) \quad 18\frac{31}{54}m^5n^2 + mn^5 - 9\frac{1}{1}$$

$$1236) \left(24\frac{27}{28}x^3y^3 + 1\frac{34}{37}x^3y^5\right) + \left(\frac{23}{41}x^2y^4 - 1\frac{5}{7}x^3y^5 - \frac{1}{3}x^5y^3\right) + \left(24\frac{9}{38}x^5y^3 - \frac{7}{34}x^3y^5 - 1\frac{31}{34}x^3y^3\right) \quad -\frac{11}{8806}x^3y^5 +$$

$$1237) \left(1\frac{3}{10}u^2 + 22\frac{38}{43}u^3v\right) - \left(1\frac{13}{15}u^2 + 4\frac{3}{10}u^3v - \frac{1}{3}v^3\right) + \left(1\frac{7}{10}u^3v^2 + 1\frac{1}{13}v^3 + 17\frac{3}{47}uv^5\right) \quad 17\frac{3}{47}v^5u + 1\frac{7}{10}v^2u^3 +$$

$$1238) \left(\frac{3}{5}x^4y - 8x^3y^4\right) - \left(16\frac{4}{15}x^4y + \frac{16}{25}x^3y^4 + 1\frac{4}{5}x^2y^2\right) - \left(4\frac{9}{13}x^4y + 8\frac{12}{47}x^3y^4 + 14\frac{3}{22}x^2y^2\right) \quad -16\frac{1052}{1175}x^3y^4 - 20\frac{1}{1}$$

$$1239) \left(\frac{22}{49}x^5y^4 + 47\frac{13}{14}xy\right) - \left(28\frac{41}{44}x^5y^4 + 16\frac{1}{21}xy - \frac{17}{28}y^2\right) + \left(1\frac{3}{7}xy + \frac{13}{30}x^5y^4 + 1\frac{3}{47}y^2\right) \quad -28\frac{1601}{32340}y^4x^5 + 33\frac{13}{42}$$

$$1240) \left(15\frac{3}{4}m^2n^3 + 2n^2\right) - \left(19\frac{5}{46}m^2n^3 - \frac{17}{22}n^2 + 11\frac{17}{26}m^2n^2\right) - \left(6\frac{1}{48}n^2 - 6\frac{23}{48}m^2n^2 + 6\frac{13}{45}m^2n^3\right) \quad -9\frac{2681}{4140}n^3m^2 -$$

$$1241) \left(5\frac{14}{45}a^4 + 1\frac{11}{45}a^4b^5\right) + \left(\frac{3}{31}a^3b^3 - 48\frac{34}{47}a^4b^5 + 22\frac{26}{29}a^4\right) - \left(24\frac{32}{33}a^3b^3 + 23\frac{2}{3}a^4b^5 - \frac{8}{15}a^4\right) \quad -71\frac{308}{2115}a^4b^5 -$$

$$1242) \left(1\frac{2}{3}u^5v^2 + 17\frac{47}{48}uv^4\right) - \left(25\frac{2}{5}u^5v^2 + 10\frac{3}{4}uv^5 - 1\frac{10}{31}u^3v^3\right) + \left(\frac{4}{11}u^5v^3 + 1\frac{9}{37}uv^4 - \frac{1}{2}u^5v^2\right) \quad \frac{4}{11}u^5v^3 - 24\frac{7}{30}u^5v^2$$

$$1243) \left(17\frac{5}{18}x^4y^3 + \frac{1}{2}xy\right) - \left(\frac{1}{9}x^4y^3 - \frac{6}{7}x^2y^5 + 5\frac{37}{49}xy\right) - \left(24\frac{7}{26}xy + 24\frac{10}{49}x^5y^3 - \frac{1}{10}x^4y^3\right) \quad -24\frac{10}{49}x^5y^3 + \frac{6}{7}x^2y^5 +$$

$$1244) \left(25xy^2 - 1\frac{1}{2}y^3\right) + \left(1\frac{22}{37}x^4y^5 + 5\frac{17}{32}y^3 + \frac{31}{40}x^5\right) + \left(22\frac{13}{15}y^3 + \frac{7}{11}xy^2 - 38x^4y^5\right) \quad -36\frac{15}{37}y^5x^4 + \frac{31}{40}x^5 + 25\frac{7}{11}y^3$$

$$1245) \left(5\frac{9}{14}m^2n + 23\frac{25}{26}mn^3\right) - \left(1\frac{5}{23}m^5n^5 + 10\frac{23}{24}m^2n + 21\frac{11}{12}m\right) + \left(5\frac{21}{40}mn^3 - 31m - \frac{13}{30}m^5n^5\right) \quad -1\frac{449}{690}m^5n^5 + 29\frac{1}{1}$$

$$1246) \left(\frac{7}{19}u^5v^2 + 20\frac{18}{41}u^2v^5\right) - \left(\frac{3}{8}u^2v^2 + 15\frac{1}{24}u^4 + 1\frac{1}{6}u^2v^5\right) + \left(19\frac{15}{28}u^2v^2 + 6\frac{7}{17}u^5v^2 + 10\frac{5}{16}u^4\right) \quad 6\frac{252}{323}u^5v^2 + 19\frac{1}{1}$$

$$1247) (4u^2v^3 + 45v^5) + \left(19u^2v^3 + 5\frac{4}{39}u^4v^3 - 1\frac{13}{31}u^5v^2\right) + \left(2u + 13u^4v^3 - 3\frac{1}{26}u^5v^2\right) \quad 18\frac{4}{39}v^3u^4 - 4\frac{369}{806}v^2u^5 + 23\frac{1}{1}$$

$$1248) \left(1\frac{1}{4}a^4b^4 + 21\frac{1}{48}\right) - \left(1\frac{4}{19}ab + 25\frac{1}{19}a^4b^4 + \frac{19}{22}ab^2\right) - \left(1\frac{1}{4}a^4b^4 + \frac{5}{13} + ab^2\right) \quad -25\frac{1}{19}a^4b^4 - 1\frac{19}{22}ab^2 - 1\frac{4}{19}ab$$

$$1249) \left(1\frac{4}{7} - 1\frac{1}{2}xy\right) - \left(1\frac{2}{5}xy + \frac{2}{3}x^2y^4 - 1\frac{1}{8}\right) + \left(1\frac{3}{4}xy - 1\frac{24}{41}x^2y^4 + 25\frac{27}{28}\right) \quad -2\frac{31}{123}x^2y^4 - 1\frac{3}{20}xy + 28\frac{37}{56}$$

$$1250) \left(13\frac{20}{39}x^3y^2 + \frac{13}{21}x^2y^2\right) - \left(15\frac{31}{46}x^5y^2 - 2\frac{1}{4}x^2y^2 + 1\frac{1}{2}x^3y^2\right) + \left(24\frac{35}{38}y^3 - 1\frac{40}{41}x^4 - 1\frac{33}{37}x^3y^2\right) \quad 2\frac{15071639}{120653078}x^5$$

$$1251) \left(6\frac{1}{4}x^4y^2 + 1\frac{1}{6}x^4\right) - \left(22x^3y^3 + \frac{11}{17}x^4y^2 + 20\frac{12}{19}x^4\right) - \left(3\frac{1}{7}x^3y^3 + \frac{2}{17}x^4y^2 + \frac{1}{4}x^4\right) \quad 5\frac{33}{68}x^4y^2 - 25\frac{1}{7}x^3y^3 - 19\frac{1}{2}$$

$$1252) \left(12\frac{23}{26}x - 1\frac{11}{13}x^4y^3\right) - \left(19\frac{12}{29}x^5y^4 - 2\frac{41}{45}x - 1\frac{1}{4}x^4y^3\right) - \left(\frac{1}{7}x + 2\frac{3}{40}x^2y^4 - 2x^4y^3\right) \quad -19\frac{12}{29}x^5y^4 + 1\frac{21}{52}x^4y^3 -$$

$$1253) \left(1\frac{10}{11}x^5y^3 - 1\frac{12}{29}y^2\right) + \left(17\frac{5}{24}y^2 + \frac{7}{50}x^4y + 1\frac{7}{10}x^5y^3\right) - \left(1\frac{10}{13}x^4y + 7\frac{5}{6}y^2 - 1\frac{2}{3}x^5y^3\right) \quad 5\frac{91}{330}y^3x^5 - 1\frac{409}{650}yx^4$$

$$1254) \left(12\frac{5}{12}u^5v^4 - 1\frac{10}{39}u^3v\right) + \left(\frac{3}{4}v^4 - \frac{2}{3}u^3v + 25\frac{1}{2}u^5v^4\right) - \left(21\frac{25}{29}v^4 + 25\frac{5}{8}u^3v - 3\frac{17}{20}u^5v^4\right) \quad 41\frac{23}{30}v^4u^5 - 27\frac{57}{104}vu^5$$

$$1255) \left(18\frac{4}{5}x^5y^2 + 1\frac{5}{8}y^2\right) - \left(5\frac{14}{17}x^2y^5 + 20\frac{1}{14}y^2 - 1\frac{19}{31}x^5y^2\right) + \left(\frac{10}{11}x^2y^5 + 2x^5y^2 + 10\frac{29}{43}y^2\right) \quad 22\frac{64}{155}y^2x^5 - 4\frac{171}{187}y^2$$

$$1256) \left(14\frac{19}{28}a^5b^5 - \frac{8}{11}b\right) + \left(\frac{2}{3}a^3b^2 - \frac{22}{27}b + 5\frac{15}{22}a^5b^5\right) - \left(14\frac{5}{16}a^2 + 10\frac{1}{5}b + a^3b^2\right) \quad 20\frac{111}{308}b^5a^5 - \frac{1}{3}b^2a^3 - 14\frac{5}{16}a^2$$

$$1257) \left(1\frac{1}{2}x^5 + 14\frac{31}{48}x^4y^3\right) - \left(\frac{1}{46}x^4y^3 + 1\frac{1}{18} + \frac{47}{48}y^4\right) + \left(7\frac{23}{28}y^4 - 22\frac{5}{9}xy^2 + \frac{1}{4}x^4y^3\right) \quad 14\frac{965}{1104}x^4y^3 + 1\frac{1}{2}x^5 + 6\frac{283}{336}y^4$$

$$1258) \left(3\frac{3}{40}x^4y^2 + 21\frac{16}{35}x^5y^4\right) - \left(21\frac{15}{26}x^3y^2 + 3\frac{1}{16}x^2y + 27x^4y^2\right) + \left(\frac{2}{11}x^3y^2 + 1\frac{22}{35}x^5y^4 + 20\frac{24}{43}x^2y\right) \quad 23\frac{3}{35}x^5y^4 -$$

$$1259) \left(2\frac{1}{2}x^2y + \frac{23}{30}x^3y^5\right) - \left(21y^5 + 49x^3y^5 + \frac{4}{25}x^3y\right) - \left(19\frac{5}{18}y^5 - 3\frac{29}{34}x^3y^5 + 13\frac{29}{30}x^3y\right) \quad -44\frac{97}{255}y^5x^3 - 40\frac{5}{18}y^5$$

$$1260) \left(1\frac{17}{28}m^5n^2 + 10\frac{3}{5}m^2n\right) + \left(\frac{4}{17}n + 4\frac{33}{41}m^2n + 12\frac{1}{36}m^4n^4\right) - \left(3m^4n^4 - 2\frac{1}{6}n^5 - \frac{1}{27}m^5n^2\right) \quad 9\frac{1}{36}n^4m^4 + 1\frac{487}{756}n^2m^2$$

$$1261) \left( \frac{5}{39}y^3 + 3\frac{13}{23}x^3 \right) + \left( 7\frac{17}{35}y^3 + 18\frac{22}{29}x^5y^2 + \frac{8}{13}x^3 \right) - \left( 17\frac{3}{10}y^3 + 2x^5y^2 + 12\frac{1}{28}x^3 \right) \quad 16\frac{22}{29}y^2x^5 - 7\frac{7159}{8372}x^3 - 9$$

$$1262) \left( 19\frac{9}{43}a^2 - 1\frac{7}{8}ab^2 \right) - \left( 5\frac{5}{36} + 9\frac{3}{11}ab^2 + 14\frac{13}{44}a^2 \right) + \left( 1\frac{9}{13}a^2 + 40\frac{2}{7} + 15\frac{5}{9}ab^2 \right) \quad 4\frac{323}{792}ab^2 + 6\frac{14909}{24596}a^2 + 35\frac{3}{2}$$

$$1263) \left( \frac{45}{47}x^2 + 1\frac{2}{17}xy^2 \right) - \left( 7\frac{3}{11}x^2 + 1\frac{1}{16}xy^2 + 23\frac{13}{21}x^4y \right) - \left( 15\frac{1}{2}xy^2 + 2\frac{1}{2}x^2 + 11\frac{9}{13}x^4y \right) \quad -35\frac{85}{273}x^4y - 15\frac{121}{272}xy$$

$$1264) \left( \frac{2}{5}a^5b - 1\frac{8}{11}a^3b^3 \right) - \left( 20\frac{1}{2}ab^2 + \frac{1}{4}a^3b^3 - \frac{8}{15}a^5b \right) - \left( 1\frac{1}{3}a^5b + 1\frac{11}{42}a^3b^3 + 10\frac{5}{17}ab^2 \right) \quad -\frac{2}{5}a^5b - 3\frac{221}{924}a^3b^3 -$$

$$1265) \left( 1\frac{5}{37}uv^4 + 1\frac{4}{7}v^5 \right) - \left( \frac{1}{3}u^5v + 24\frac{15}{16}uv + 8\frac{8}{11}u^2v \right) - \left( 1\frac{3}{10}u^2v + 11\frac{19}{40}uv + \frac{1}{3}uv^4 \right) \quad -\frac{1}{3}vu^5 + 1\frac{4}{7}v^5 + \frac{89}{111}v^4u -$$

$$1266) \left( 1\frac{6}{11}mn^5 + 6m^5 \right) - \left( \frac{8}{39}n^5 - 1\frac{9}{23}m^5 + 1\frac{29}{49}mn^5 \right) - \left( \frac{1}{2}n^5 + 15\frac{11}{19}m^4 - \frac{9}{16}m^5 \right) \quad -\frac{25}{539}mn^5 + 7\frac{351}{368}m^5 - \frac{55}{78}n^5 +$$

$$1267) \left( 24\frac{2}{45}x^3y^5 + 1\frac{1}{2}x^3y \right) + \left( 14\frac{21}{23}x^2y^2 + 13\frac{3}{5}x^3y^5 + 1\frac{7}{9}x^4y^5 \right) + \left( 1\frac{2}{17}x^3y^5 + 38x^4y^5 + 24\frac{29}{31}x^3y \right) \quad 39\frac{7}{9}x^4y^5 + 3$$

$$1268) \left( 24\frac{13}{42}x^3y^5 - \frac{8}{19}x^3y^2 \right) - \left( 3\frac{5}{9}xy - 3\frac{17}{42}x^3y^2 + 7\frac{7}{29}x^3y^5 \right) + \left( 2\frac{11}{20}xy + \frac{20}{27}x^3y^2 + 11\frac{3}{4}xy^4 \right) \quad 17\frac{83}{1218}x^3y^5 + 3\frac{52}{71}$$

$$1269) (9 + uv^5) + \left( 1\frac{7}{8}u + \frac{1}{11}uv^5 + 23\frac{2}{3}u^2v \right) + \left( 1\frac{5}{7}u + 12\frac{1}{10}u^5v + 2\frac{9}{14} \right) \quad 1\frac{1}{11}uv^5 + 12\frac{1}{10}u^5v + 23\frac{2}{3}u^2v + 3\frac{33}{56}u + 1$$

$$1270) \left( \frac{21}{25}x^2y^2 + 27x^3y^4 \right) + \left( \frac{10}{11}x^5y + 1\frac{32}{41}x^3y^5 + 3\frac{41}{42}x^2y^2 \right) - \left( 9x^5y - 1\frac{1}{5}x^3y^5 + 19\frac{5}{6}x^4y \right) \quad 2\frac{201}{205}x^3y^5 + 27x^3y^4 - 8$$

$$1271) \left( 8\frac{5}{48}ab^3 - \frac{14}{39}a^4b^4 \right) - \left( 18\frac{11}{30}ab^3 + 23\frac{10}{29}b^5 + \frac{1}{2}ab^4 \right) - \left( 12\frac{10}{23}a^4b^4 - \frac{29}{30}ab^4 + 18\frac{5}{34}b^5 \right) \quad -12\frac{712}{897}b^4a^4 - 41\frac{48}{98}$$

$$1272) \left( 17\frac{36}{43}x^4y^2 + 12\frac{2}{5}x^5 \right) + \left( 24\frac{11}{12}x^4y^2 + 20\frac{9}{13}x^5 - 1\frac{17}{18}x \right) + \left( 13\frac{8}{19}x^5 - \frac{43}{47}x^4y^2 + 25\frac{23}{31}x \right) \quad -\frac{576839553}{1509503836}x^4y^2$$

$$1273) \left( 1\frac{7}{34}a + \frac{4}{13}a^4 \right) + \left( 17\frac{21}{26}a + 1\frac{40}{41}a^4 - \frac{1}{40}a^5b \right) - \left( 1\frac{5}{23}a^4 + 2a^5b - 1\frac{5}{42}a \right) \quad -2\frac{1}{40}a^5b + 1\frac{808}{12259}a^4 - 4\frac{1758653}{4376463}$$

$$1274) \left(2\frac{23}{38}y^3 + 4\frac{12}{41}y\right) + \left(2x^4y^2 - 1\frac{13}{14}y + 23\frac{19}{48}y^3\right) - \left(\frac{31}{50}x^4y^2 - 1\frac{4}{45}y + 10\frac{19}{43}y^3\right) \quad 1\frac{19}{50}y^2x^4 + \frac{83009629}{281374800}y^3 - 1$$

$$1275) \left(1\frac{5}{14}m^5n^3 + 16\frac{8}{33}m^3\right) - \left(17\frac{18}{29}mn^2 + \frac{5}{26}m^5n^3 - 1\frac{1}{40}m^3\right) - \left(\frac{2}{5}mn^2 + 15\frac{1}{42}m^5n^3 - \frac{9}{49}m^3\right) \quad -13\frac{67}{78}m^5n^3 + 17$$

$$1276) \left(\frac{2}{3}y^5 + 16\frac{5}{48}\right) + \left(1\frac{16}{17} + 19\frac{31}{32}y^3 + 1\frac{11}{16}x\right) + \left(1\frac{7}{9} + \frac{1}{2}x - 1\frac{12}{41}y^5\right) \quad -\frac{77}{123}y^5 + 19\frac{31}{32}y^3 + 2\frac{3}{16}x + 19\frac{2015}{2448}$$

$$1277) \left(3\frac{14}{33}x^4y^4 - \frac{1}{6}x^4y^2\right) - \left(4\frac{1}{30}x^4y^2 + 1\frac{1}{7}xy^3 + 1\frac{2}{11}x^4y\right) + \left(14x^5y^2 + 16\frac{1}{9}x^4y - 1\frac{1}{3}xy^3\right) \quad 3\frac{14}{33}x^4y^4 + 14x^5y^2 - 4$$

$$1278) \left(1\frac{2}{19}x^2 + 4\frac{10}{39}y\right) - \left(\frac{1}{4}x^2 + 1\frac{7}{10}y + 4\frac{1}{35}x^5y\right) - \left(19\frac{5}{8}x^5y + 11\frac{5}{12}y^3 + 4\frac{1}{35}x^2\right) \quad -23\frac{183}{280}x^5y - 11\frac{5}{12}y^3 - 3\frac{46}{266}$$

$$1279) \left(\frac{9}{14}x^4y^5 + \frac{8}{17}x^2\right) + \left(5\frac{7}{19}x^2 + \frac{9}{16}x^3y + 15\frac{32}{39}x^2y^5\right) + \left(1\frac{5}{41}x^2y^5 + 22\frac{7}{8}x^2 - 1\frac{2}{21}x^3y\right) \quad \frac{9}{14}x^4y^5 + 16\frac{1507}{1599}x^2y^5$$

$$1280) \left(1\frac{1}{13}u^5 - 1\frac{2}{3}u^2v\right) + \left(1\frac{1}{37}u^2v - 1\frac{11}{20}u^2v^3 - 1\frac{9}{11}u^5v^5\right) - \left(\frac{5}{32}u^2v + 19\frac{17}{20}u^2v^3 + 9\frac{9}{38}u^5v^5\right) \quad -11\frac{23}{418}u^5v^5 - 21$$

$$1281) \left(\frac{1}{2}n^4 - 48\frac{25}{26}m^3\right) + \left(\frac{1}{9}m^3 + 7\frac{1}{8}n^4 - 1\frac{11}{50}m^2\right) - \left(20\frac{1}{4}m^2n^3 - \frac{11}{20}m^2 + 18\frac{1}{9}n^4\right) \quad -20\frac{1}{4}m^2n^3 - 10\frac{35}{72}n^4 - 48\frac{199}{234}$$

$$1282) \left(23\frac{24}{31}xy^4 + 7\frac{2}{25}x^4y\right) + \left(8\frac{4}{45}y^5 + 4\frac{14}{19}xy^4 - 1\frac{13}{36}x^4y\right) + \left(17\frac{25}{36}x^4y + \frac{4}{15}y^5 + \frac{5}{9}xy\right) \quad 28\frac{301}{589}y^4x + 23\frac{31}{75}yx^4 +$$

$$1283) \left(9\frac{33}{34}x^5 + 4\frac{1}{8}x^2\right) + \left(1\frac{1}{4}x^2y + 14\frac{11}{42}x^5 + 4\frac{6}{49}x^2\right) - \left(1\frac{9}{14}x^2y - \frac{3}{38}x^2 + 1\frac{17}{18}x^5\right) \quad 22\frac{617}{2142}x^5 - \frac{11}{28}x^2y + 8\frac{2431}{7448}$$

$$1284) \left(\frac{1}{2}u^4 + \frac{5}{14}u^5v^5\right) + \left(11\frac{9}{35}uv + 14\frac{31}{42}u^5v^3 + \frac{1}{4}u^5v^5\right) + \left(\frac{1}{7}u^5v^3 + 27uv - \frac{4}{43}u^4\right) \quad \frac{17}{28}u^5v^5 + 14\frac{37}{42}u^5v^3 + \frac{35}{86}u^4 +$$

$$1285) \left(\frac{8}{21}x^2y + 21\frac{12}{35}y^3\right) - \left(24\frac{20}{39}y^3 - \frac{5}{17}x^2y + 25\frac{33}{50}x^3\right) - \left(13\frac{13}{24}x^2y + 1\frac{11}{15}x^3 - y^3\right) \quad -12\frac{825}{952}yx^2 - 2\frac{232}{1365}y^3 - 2$$

$$1286) \left(15\frac{23}{42}x^4y^5 - \frac{1}{2}y^2\right) + \left(1\frac{2}{19}x^4y^5 + 1\frac{3}{4}x^4y^2 - \frac{19}{25}y^2\right) - \left(19\frac{5}{21}x^4y^2 - 1\frac{21}{37}y^2 + \frac{11}{18}x^4y^5\right) \quad 16\frac{50}{1197}y^5x^4 - 17\frac{41}{84}$$



$$1287) \left(1 \frac{19}{32} x^2 y^2 - \frac{2}{3} x\right) + \left(15 \frac{25}{32} x + 1 \frac{15}{37} x^5 y + 9 \frac{6}{7} x^2 y^2\right) - \left(\frac{10}{47} x^5 y - 1 \frac{17}{31} x + 23 \frac{7}{18} x^2 y^2\right) \quad 1 \frac{335}{1739} x^5 y - 11 \frac{1891}{2016} x^2 y^2$$

$$1288) \left(\frac{20}{27} a^4 - 2 a^5 b^5\right) + \left(1 \frac{7}{23} a^3 b^5 + 16 \frac{25}{36} a^5 b^5 + 1 \frac{1}{3} a^4\right) + \left(25 \frac{17}{30} a^5 b^5 - 1 \frac{3}{16} a^3 b^5 - 3 \frac{14}{25} a^2 b^4\right) \quad 40 \frac{47}{180} a^5 b^5 + \frac{43}{368}$$

$$1289) \left(3 \frac{10}{19} y^4 - \frac{2}{7} x y^5\right) - \left(17 \frac{37}{44} x y^5 - \frac{1}{16} y^4 - 1 \frac{7}{11} x^3 y^4\right) - \left(22 \frac{1}{6} x y^5 + 8 \frac{23}{33} x^4 y^5 + 10 \frac{32}{49} y^4\right) \quad -8 \frac{23}{33} y^5 x^4 + 1 \frac{7}{11} y^4 x^3$$

$$1290) \left(14 \frac{19}{24} a^3 b^2 + 11 \frac{13}{24} a^5 b\right) - \left(4 \frac{13}{14} a + 2 \frac{7}{30} a^3 b^2 + \frac{21}{22} a^2 b^5\right) + \left(15 \frac{9}{13} a + 17 \frac{5}{14} a^5 b + 5 \frac{20}{21} a^2 b^5\right) \quad 4 \frac{461}{462} a^2 b^5 + 28$$

$$1291) \left(1 \frac{1}{4} x^3 + 22 \frac{15}{47} x^3 y\right) - \left(18 \frac{1}{2} x^3 - 1 \frac{7}{12} x^4 - \frac{15}{16} x^3 y\right) + \left(\frac{3}{4} x y^5 + 7 \frac{19}{30} x^3 y - 1 \frac{18}{19} x^3\right) \quad \frac{3}{4} x y^5 + 30 \frac{10039}{11280} x^3 y + 1 \frac{7}{12}$$

$$1292) \left(15 \frac{11}{30} x^5 + \frac{3}{20} x^4 y^5\right) - \left(1 \frac{7}{38} x^4 y^5 + 19 \frac{15}{16} x y^3 + 1 \frac{23}{32} x^5 y^3\right) + \left(\frac{1}{6} x^4 y^5 + 16 \frac{5}{6} x y^3 - 45 x^5 y^3\right) \quad -\frac{989}{1140} x^4 y^5 - 46 \frac{2}{3}$$

$$1293) \left(13 \frac{13}{29} u^4 - 1 \frac{7}{9}\right) - \left(18 + 15 \frac{34}{43} u^4 + 12 \frac{32}{39} u^3 v^5\right) + \left(35 + \frac{7}{25} u^3 v^5 + \frac{1}{6} u^5 v^5\right) \quad \frac{1}{6} u^5 v^5 - 12 \frac{527}{975} u^3 v^5 - 2 \frac{427}{1247} u^4 +$$

$$1294) \left(\frac{5}{36} m^2 n^2 - 1 \frac{1}{19} m^3 n^4\right) + \left(10 \frac{9}{10} m^3 n^4 + 25 \frac{5}{9} m^4 n + 11 \frac{9}{22} m^2 n^2\right) - \left(21 \frac{2}{5} m n^5 + 3 \frac{21}{40} m^4 n^5 + 1 \frac{2}{15} m^3 n^4\right) \quad -3 \frac{21}{40}$$

$$1295) \left(18 \frac{25}{28} x y^3 + 5 \frac{30}{47} x^5\right) - \left(14 \frac{1}{10} x y^3 + 7 \frac{12}{47} x^5 + 6 \frac{21}{25} y^5\right) + \left(19 \frac{1}{8} y^5 + 7 \frac{3}{34} x^5 + 26 x y^3\right) \quad 5 \frac{753}{1598} x^5 + 12 \frac{57}{200} y^5 + 3$$

$$1296) \left(\frac{5}{16} a^2 b - 13 a^3 b^2\right) + \left(1 \frac{31}{42} a^3 + 1 \frac{10}{21} a^2 b - 16 a^3 b^2\right) + \left(12 \frac{31}{40} a^3 b^2 + 4 \frac{18}{41} a^2 b - 1 \frac{3}{4} a^3\right) \quad -16 \frac{9}{40} a^3 b^2 + 6 \frac{3137}{13776} a$$

$$1297) \left(\frac{1}{3} x^3 y^4 + 23 \frac{19}{20} x^3 y^2\right) + \left(16 \frac{23}{32} x y^2 + 17 \frac{41}{48} y^2 - \frac{23}{40} x^3 y^2\right) + \left(11 \frac{10}{23} x^3 y^4 + 18 \frac{17}{23} y^2 + 16 \frac{9}{13}\right) \quad 11 \frac{53}{69} y^4 x^3 + 23 \frac{3}{8}$$

$$1298) \left(24 \frac{17}{36} x^3 - 3 \frac{31}{33} x^4 y^2\right) + \left(1 \frac{7}{10} x^4 y^2 + 22 \frac{16}{21} x^3 y^4 + 1 \frac{7}{20} x^3\right) + \left(1 \frac{8}{9} x^3 y^4 + 11 \frac{27}{40} x^4 y^2 + 6 \frac{3}{5} x^3\right) \quad 24 \frac{41}{63} x^3 y^4 + 9 \frac{1}{2}$$

$$1299) \left(\frac{7}{9} a^5 b^4 + 7 \frac{28}{37} a^3 b^4\right) + \left(23 \frac{21}{34} b^5 + 13 \frac{20}{33} a^3 b^4 - a^5 b^4\right) - \left(22 \frac{11}{28} b^5 - 1 \frac{16}{29} a^3 b^4 + \frac{2}{15} a^5 b^4\right) \quad -\frac{16}{45} b^4 a^5 + 5 \frac{58547}{63205}$$

$$1300) \left( 27 \frac{1}{10} x^5 y^5 + 4 \frac{35}{48} xy^5 \right) - \left( \frac{10}{13} x^4 y^2 + 9 \frac{7}{29} x^3 y^5 - 1 \frac{23}{42} xy^5 \right) + \left( 33 x^5 y^5 + 4 \frac{11}{25} x^3 y^5 + 22 \frac{23}{24} x^4 y^2 \right) \quad 60 \frac{1}{10} x^5 y^5 - 4$$