



**Find each product.**

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

2)  $4\frac{7}{10}\left(3\frac{1}{4}p^2 + 1\frac{1}{2}p - \frac{1}{2}\right)$

3)  $\frac{2}{3}\left(4\frac{1}{4}x^2 - 1\frac{3}{5}x - 3\frac{1}{6}\right)$

4)  $\frac{21m^4}{4}\left(1\frac{6}{7}m^2 + 3\frac{3}{8}m - 7\right)$

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

6)  $2\frac{3}{4}\left(\frac{3}{4}r^2 - 4r + 3\frac{5}{7}\right)$

$$7) \frac{9x}{5} \left( \frac{2}{3}x^2 + \frac{1}{2}x + 3\frac{2}{3} \right)$$

$$8) 4\frac{5}{9} \left( 4\frac{3}{5}n^2 + \frac{5}{9}n + \frac{5}{7} \right)$$

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

$$10) \frac{1}{2} \left( 1\frac{1}{2}v^2 - 9\frac{7}{10}v - 2\frac{1}{2} \right)$$

$$11) 1\frac{3}{4} \left( 2\frac{1}{9}x^2 - \frac{1}{6}x - 2 \right)$$

$$12) \frac{9x^3}{2} \left( 5x^2 + 5\frac{3}{5}x + 3\frac{1}{4} \right)$$

$$13) 1\frac{1}{4}\left(a^2 + 1\frac{1}{4}a + \frac{1}{3}\right)$$

$$14) 5\frac{4}{5}\left(2\frac{7}{9}k^2 + 2k + 1\frac{1}{8}\right)$$

$$15) 5\frac{1}{4}\left(1\frac{4}{5}p^2 + 3\frac{1}{5}p + \frac{1}{9}\right)$$

$$16) 3\frac{1}{2}\left(x^2 + 3\frac{7}{9}x + \frac{2}{3}\right)$$

$$17) 1\frac{2}{5}\left(7x^2 - x + \frac{2}{9}\right)$$

$$18) \frac{16r^2}{5}\left(\frac{3}{5}r^2 + 5\frac{3}{5}r + 2\frac{1}{2}\right)$$

$$19) 4\frac{7}{9}\left(\frac{5}{7}n^2 + 2n + \frac{1}{3}\right)$$

$$20) \frac{40m^6}{7}\left(\frac{1}{6}m^2 - 1\frac{2}{7}m + \frac{1}{3}\right)$$

$$21) 5\frac{1}{2}\left(\frac{1}{3}n^2 + \frac{5}{6}n + 4\frac{2}{9}\right)$$

$$22) 5\frac{1}{6}\left(4\frac{4}{7}v^2 - 1\frac{2}{7}v + 3\frac{1}{4}\right)$$

$$23) \frac{9b}{8}\left(\frac{1}{2}b^2 + 2b + \frac{5}{6}\right)$$

$$24) \frac{8x^2}{5}\left(2x^2 - \frac{1}{2}x - 1\frac{3}{5}\right)$$

$$25) \frac{1}{2} \left( 1\frac{2}{3}n^2 + 1\frac{5}{7}n + 8\frac{1}{10} \right)$$

$$26) \frac{17a}{9} \left( 1\frac{1}{3}a^2 + 1\frac{1}{3}a - \frac{3}{7} \right)$$

$$27) \frac{7k}{4} \left( 1\frac{1}{2}k^2 - 1\frac{1}{9}k + 5\frac{3}{5} \right)$$

$$28) 4\frac{5}{6} \left( \frac{1}{4}x^2 - 1\frac{2}{3}x + 5\frac{3}{10} \right)$$

$$29) 1\frac{2}{3} \left( \frac{1}{9}x^2 - 1\frac{2}{5}x + 1 \right)$$

$$30) 2\frac{3}{10} \left( \frac{4}{9}n^2 - 1\frac{1}{5}n - 3\frac{1}{2} \right)$$

- 1)  $17\frac{1}{7}n^2 - 19\frac{19}{35}n + \frac{6}{7}$       2)  $15\frac{11}{40}p^2 + 7\frac{1}{20}p - 2\frac{7}{20}$       3)  $2\frac{5}{6}x^2 - 1\frac{1}{15}x - 2\frac{1}{9}$
- 4)  $9\frac{3}{4}m^6 + 17\frac{23}{32}m^5 - 36\frac{3}{4}m^4$       5)  $1\frac{3}{7}b^5 - 3\frac{1}{3}b^4 + 1\frac{1}{3}b^3$       6)  $2\frac{1}{16}r^2 - 11r + 10\frac{3}{14}$
- 7)  $1\frac{1}{5}x^3 + \frac{9}{10}x^2 + 6\frac{3}{5}x$       8)  $20\frac{43}{45}n^2 + 2\frac{43}{81}n + 3\frac{16}{63}$       9)  $1\frac{5}{28}b^2 - 2\frac{5}{14}b + \frac{33}{56}$
- 10)  $\frac{3}{4}v^2 - 4\frac{17}{20}v - 1\frac{1}{4}$       11)  $3\frac{25}{36}x^2 - \frac{7}{24}x - 3\frac{1}{2}$       12)  $22\frac{1}{2}x^5 + 25\frac{1}{5}x^4 + 14\frac{5}{8}x^3$
- 13)  $1\frac{1}{4}a^2 + 1\frac{9}{16}a + \frac{5}{12}$       14)  $16\frac{1}{9}k^2 + 11\frac{3}{5}k + 6\frac{21}{40}$       15)  $9\frac{9}{20}p^2 + 16\frac{4}{5}p + \frac{7}{12}$
- 16)  $3\frac{1}{2}x^2 + 13\frac{2}{9}x + 2\frac{1}{3}$       17)  $9\frac{4}{5}x^2 - 1\frac{2}{5}x + \frac{14}{45}$       18)  $1\frac{23}{25}r^4 + 17\frac{23}{25}r^3 + 8r^2$
- 19)  $3\frac{26}{63}n^2 + 9\frac{5}{9}n + 1\frac{16}{27}$       20)  $\frac{20}{21}m^8 - 7\frac{17}{49}m^7 + 1\frac{19}{21}m^6$       21)  $1\frac{5}{6}n^2 + 4\frac{7}{12}n + 23\frac{2}{9}$
- 22)  $23\frac{13}{21}v^2 - 6\frac{9}{14}v + 16\frac{19}{24}$       23)  $\frac{9}{16}b^3 + 2\frac{1}{4}b^2 + \frac{15}{16}b$       24)  $3\frac{1}{5}x^4 - \frac{4}{5}x^3 - 2\frac{14}{25}x^2$
- 25)  $\frac{5}{6}n^2 + \frac{6}{7}n + 4\frac{1}{20}$       26)  $2\frac{14}{27}a^3 + 2\frac{14}{27}a^2 - \frac{17}{21}a$       27)  $2\frac{5}{8}k^3 - 1\frac{17}{18}k^2 + 9\frac{4}{5}k$
- 28)  $1\frac{5}{24}x^2 - 8\frac{1}{18}x + 25\frac{37}{60}$       29)  $\frac{5}{27}x^2 - 2\frac{1}{3}x + 1\frac{2}{3}$       30)  $1\frac{1}{45}n^2 - 2\frac{19}{25}n - 8\frac{1}{20}$