



Inequality tasks:

1) $p - 2\frac{1}{2} > -3\frac{29}{30} + 2\frac{9}{10}p + \frac{2}{3}p$

2) $-2\frac{1}{4}x + x > -2\frac{16}{27} + 1\frac{2}{3}x$

3) $-\frac{2}{3}n - \frac{5}{6} \leq 5\frac{1}{2}n - 3\frac{3}{10}$

4) $\frac{1}{2}r + 9 \leq \frac{1}{4}r + 9\frac{3}{5}$

5) $\frac{1}{2}x - x \geq -\frac{9}{10} - 1\frac{5}{8}x$

6) $\frac{13}{9}n - \frac{4}{9}n \geq -\frac{34}{25} + 4\frac{2}{5}n$

7) $1\frac{5}{8}b + 1 - 2\frac{4}{9}b \leq -2\frac{197}{240} - 1\frac{1}{6}b + \frac{29}{10} + \frac{2}{5}$

8) $-9\frac{1}{3}b + 1 \geq -\frac{1}{9} - 9b$

9) $-v + \frac{13}{9} - 7v > 2v - 12\frac{5}{9}$

10) $x + 5\frac{6}{7} > -2x + 9\frac{17}{28}$

$$11) \frac{1}{3}x + 5x > -1\frac{1}{3}x + 2x + 7$$

$$12) 1\frac{9}{10}k - 1 \leq \frac{13}{36} + 1\frac{2}{3}k$$

$$13) p + 1\frac{1}{2} + 3\frac{1}{10} > \frac{233}{40} - 3\frac{9}{10}p$$

$$14) a - 2\frac{1}{4} < -\frac{1}{4} - \frac{3}{2}a - 2 + \frac{15}{4}a$$

$$15) 3\frac{3}{4}x + 1 < 8\frac{7}{8} - \frac{3}{2}x$$

$$16) m + \frac{1}{2} > -2m + 5\frac{3}{8}$$

$$17) \frac{2}{7}n + 4\frac{1}{2} + 5\frac{3}{4} \leq \frac{4}{9}n + 10\frac{103}{252}$$

$$18) -\frac{5}{4}r + \frac{1}{3}r \leq \frac{5699}{1176} + \frac{8}{7}r - 9 + 5\frac{5}{8}$$

$$19) -2\frac{1}{3}x + \frac{6}{7} + 5\frac{1}{8}x \leq 2x + \frac{4721}{1008}$$

$$20) \frac{13}{7}n + 1\frac{1}{2} < -\frac{1}{6}n + \frac{1061}{84}$$

$$21) -\frac{1}{4}b + \frac{14}{5}b < 10\frac{5}{8} - 1\frac{1}{5}b$$

$$22) v + \frac{5}{3} \leq \frac{1}{27} - \frac{2}{9}v$$

$$23) x + 1\frac{1}{4} \leq -6\frac{3}{4} - x + 1\frac{1}{3} - 2\frac{4}{9}x$$

$$24) \frac{6}{7}k + \frac{1}{3} + \frac{10}{7} < 3\frac{25}{42} - \frac{3}{2}k$$

$$25) 3\frac{7}{8}a - \frac{4}{7} + 2a < -\frac{81}{7} + \frac{3}{8}a$$

$$26) n + 1\frac{1}{9} \geq -\frac{7}{4}n + \frac{33}{5} - 2\frac{2}{7} + \frac{14279}{1260}$$

$$27) 1\frac{5}{6}x + 1\frac{1}{3} \geq 9\frac{3}{8}x + 16\frac{5}{12}$$

$$28) -6x + 1\frac{3}{8}x < 14\frac{7}{9} - 2\frac{7}{9}x$$

$$29) -\frac{9}{5}m + 1 > \frac{4}{5} - 1\frac{2}{3}m$$

$$30) 1\frac{5}{7}n + 1\frac{1}{6} < \frac{19811}{1470} - 1\frac{3}{5}n$$

Inequality tasks:

1) $p - 2\frac{1}{2} > -3\frac{29}{30} + 2\frac{9}{10}p + \frac{2}{3}p$

$$p < \frac{4}{7}$$

2) $-2\frac{1}{4}x + x > -2\frac{16}{27} + 1\frac{2}{3}x$

$$x < \frac{8}{9}$$

3) $-\frac{2}{3}n - \frac{5}{6} \leq 5\frac{1}{2}n - 3\frac{3}{10}$

$$n \geq \frac{2}{5}$$

4) $\frac{1}{2}r + 9 \leq \frac{1}{4}r + 9\frac{3}{5}$

$$r \leq \frac{12}{5}$$

5) $\frac{1}{2}x - x \geq -\frac{9}{10} - 1\frac{5}{8}x$

$$x \geq -\frac{4}{5}$$

6) $\frac{13}{9}n - \frac{4}{9}n \geq -\frac{34}{25} + 4\frac{2}{5}n$

$$n \leq \frac{2}{5}$$

7) $1\frac{5}{8}b + 1 - 2\frac{4}{9}b \leq -2\frac{197}{240} - 1\frac{1}{6}b + \frac{29}{10} + \frac{2}{5}$

$$b \leq -\frac{3}{2}$$

8) $-9\frac{1}{3}b + 1 \geq -\frac{1}{9} - 9b$

$$b \leq \frac{10}{3}$$

9) $-v + \frac{13}{9} - 7v > 2v - 12\frac{5}{9}$

$$v < \frac{7}{5}$$

10) $x + 5\frac{6}{7} > -2x + 9\frac{17}{28}$

$$x > \frac{5}{4}$$

$$11) \frac{1}{3}x + 5x > -1\frac{1}{3}x + 2x + 7$$

$$x > \frac{3}{2}$$

$$12) 1\frac{9}{10}k - 1 \leq \frac{13}{36} + 1\frac{2}{3}k$$

$$k \leq \frac{35}{6}$$

$$13) p + 1\frac{1}{2} + 3\frac{1}{10} > \frac{233}{40} - 3\frac{9}{10}p$$

$$p > \frac{1}{4}$$

$$14) a - 2\frac{1}{4} < -\frac{1}{4} - \frac{3}{2}a - 2 + \frac{15}{4}a$$

$$a > 0$$

$$15) 3\frac{3}{4}x + 1 < 8\frac{7}{8} - \frac{3}{2}x$$

$$x < \frac{3}{2}$$

$$16) m + \frac{1}{2} > -2m + 5\frac{3}{8}$$

$$m > \frac{13}{8}$$

$$17) \frac{2}{7}n + 4\frac{1}{2} + 5\frac{3}{4} \leq \frac{4}{9}n + 10\frac{103}{252}$$

$$n \geq -1$$

$$18) -\frac{5}{4}r + \frac{1}{3}r \leq \frac{5699}{1176} + \frac{8}{7}r - 9 + 5\frac{5}{8}$$

$$r \geq -\frac{5}{7}$$

$$19) -2\frac{1}{3}x + \frac{6}{7} + 5\frac{1}{8}x \leq 2x + \frac{4721}{1008}$$

$$x \leq \frac{29}{6}$$

$$20) \frac{13}{7}n + 1\frac{1}{2} < -\frac{1}{6}n + \frac{1061}{84}$$

$$n < \frac{11}{2}$$

$$21) -\frac{1}{4}b + \frac{14}{5}b < 10\frac{5}{8} - 1\frac{1}{5}b$$

$$b < \frac{17}{6}$$

$$22) v + \frac{5}{3} \leq \frac{1}{27} - \frac{2}{9}v$$

$$v \leq -\frac{4}{3}$$

$$23) x + 1\frac{1}{4} \leq -6\frac{3}{4} - x + 1\frac{1}{3} - 2\frac{4}{9}x$$

$$x \leq -\frac{3}{2}$$

$$24) \frac{6}{7}k + \frac{1}{3} + \frac{10}{7} < 3\frac{25}{42} - \frac{3}{2}k$$

$$k < \frac{7}{9}$$

$$25) 3\frac{7}{8}a - \frac{4}{7} + 2a < -\frac{81}{7} + \frac{3}{8}a$$

$$a < -2$$

$$26) n + 1\frac{1}{9} \geq -\frac{7}{4}n + \frac{33}{5} - 2\frac{2}{7} + \frac{14279}{1260}$$

$$n \geq \frac{37}{7}$$

$$27) 1\frac{5}{6}x + 1\frac{1}{3} \geq 9\frac{3}{8}x + 16\frac{5}{12}$$

$$x \leq -2$$

$$28) -6x + 1\frac{3}{8}x < 14\frac{7}{9} - 2\frac{7}{9}x$$

$$x > -8$$

$$29) -\frac{9}{5}m + 1 > \frac{4}{5} - 1\frac{2}{3}m$$

$$m < \frac{3}{2}$$

$$30) 1\frac{5}{7}n + 1\frac{1}{6} < \frac{19811}{1470} - 1\frac{3}{5}n$$

$$n < \frac{26}{7}$$