



Two-step inequalities - decimals - very hard

Solve an inequality:

1) $226.169 \geq -6.3k - 31.5$

2) $-37.478 < -40 + \frac{p}{19.516}$

3) $-29.8n - 28.6 \geq 445.22$

4) $-1166.4 \geq 23.8 - 22x$

5) $-2798.34 \geq -1 - 37.7m$

6) $-2.847 \leq \frac{r + 34.6}{-39.93}$

7) $\frac{26.3 + n}{-14.9} < 2.322$

8) $17.095 < \frac{26.8 + x}{2.1}$

9) $0.4 + \frac{v}{14.3} \leq -3.513$

10) $1.728 < \frac{18.4 + b}{27.6}$

11) $1602.81 < -24.9 + 34.5x$

12) $238.77 \leq 36.24 - 12.9a$

13) $20.96k - 30.3 \leq -258.764$

14) $-2231.85 > -28.5p + 28.2$

$$15) -17.522 + \frac{n}{38.8} \leq -16.122$$

$$16) \frac{-36.9 + n}{-15.3} \leq 6.379$$

$$17) -10.037 \leq \frac{-36.4 + x}{2.7}$$

$$18) -0.726 \leq \frac{m + 35.4}{28.2}$$

$$19) -24.571 \leq \frac{x}{-17.6} - 26.6$$

$$20) 0.027 \leq \frac{-35.108 + r}{-29.01}$$

$$21) 16.88 \leq 24.2 + \frac{n}{8.8}$$

$$22) 2 - 3.7r \leq 41.589$$

$$23) -21.548 \leq -1.1 + \frac{b}{-2.9}$$

$$24) 24.5 + \frac{x}{26.2} > 27.53$$

$$25) -12.1n - 22.8 \leq 894.38$$

$$26) 1516.98 > -27.7v - 25.91$$

$$27) \frac{a - 13.24}{5.6} > 0.189$$

$$28) \frac{-35.6 + x}{-3.2} > 0.343$$

$$29) -0.306 > \frac{n + 23.61}{23.1}$$

$$30) -4.16 > \frac{36.7 + x}{-18.265}$$

Two-step inequalities - decimals - very hard

Solve an inequality:

1) $226.169 \geq -6.3k - 31.5$

$$k \geq -40.8998412698$$

2) $-37.478 < -40 + \frac{p}{19.516}$

$$p > 49.219352$$

3) $-29.8n - 28.6 \geq 445.22$

$$n \leq -15.9$$

4) $-1166.4 \geq 23.8 - 22x$

$$x \geq 54.1$$

5) $-2798.34 \geq -1 - 37.7m$

$$m \geq 74.2$$

6) $-2.847 \leq \frac{r + 34.6}{-39.93}$

$$r \leq 79.08071$$

7) $\frac{26.3 + n}{-14.9} < 2.322$

$$n > -60.8978$$

8) $17.095 < \frac{26.8 + x}{2.1}$

$$x > 9.0995$$

9) $0.4 + \frac{v}{14.3} \leq -3.513$

$$v \leq -55.9559$$

10) $1.728 < \frac{18.4 + b}{27.6}$

$$b > 29.2928$$

11) $1602.81 < -24.9 + 34.5x$

$$x > 47.18$$

12) $238.77 \leq 36.24 - 12.9a$

$$a \leq -15.7$$

13) $20.96k - 30.3 \leq -258.764$

$$k \leq -10.9$$

14) $-2231.85 > -28.5p + 28.2$

$$p > 79.3$$

$$15) -17.522 + \frac{n}{38.8} \leq -16.122$$

$$n \leq 54.32$$

$$16) \frac{-36.9 + n}{-15.3} \leq 6.379$$

$$n \geq -60.6987$$

$$17) -10.037 \leq \frac{-36.4 + x}{2.7}$$

$$x \geq 9.3001$$

$$18) -0.726 \leq \frac{m + 35.4}{28.2}$$

$$m \geq -55.8732$$

$$19) -24.571 \leq \frac{x}{-17.6} - 26.6$$

$$x \leq -35.7104$$

$$20) 0.027 \leq \frac{-35.108 + r}{-29.01}$$

$$r \leq 34.32473$$

$$21) 16.88 \leq 24.2 + \frac{n}{8.8}$$

$$n \geq -64.416$$

$$22) 2 - 3.7r \leq 41.589$$

$$r \geq -10.6997297297$$

$$23) -21.548 \leq -1.1 + \frac{b}{-2.9}$$

$$b \leq 59.2992$$

$$24) 24.5 + \frac{x}{26.2} > 27.53$$

$$x > 79.386$$

$$25) -12.1n - 22.8 \leq 894.38$$

$$n \geq -75.8$$

$$26) 1516.98 > -27.7v - 25.91$$

$$v > -55.7$$

$$27) \frac{a - 13.24}{5.6} > 0.189$$

$$a > 14.2984$$

$$28) \frac{-35.6 + x}{-3.2} > 0.343$$

$$x < 34.5024$$

$$29) -0.306 > \frac{n + 23.61}{23.1}$$

$$n < -30.6786$$

$$30) -4.16 > \frac{36.7 + x}{-18.265}$$

$$x > 39.2824$$