

Solving Two-Step Inequalities

Decimals: S4

Solve each inequality.

1) $5x - 2.58 \leq -3.6x$

2) $\frac{x + 2.5}{1.4} \geq -13$

3) $19 > -34.4x + 1.8$

4) $-6.2x < -17x + 43$

$\frac{x}{3} - 7.03 \leq 1.26$

7) $-2 \geq \frac{x - 19.4}{8.8}$

$-15.47 < -5.72 + 6.5x$

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10) $4.1x + 14.05 > 2.16$

11) $1.8 \geq 7 + \frac{x}{2.9}$

12) $2.1x < 5.1x + 38.25$

Solving Two-Step Inequalities

Decimals: S4

Solve each inequality.

1) $5x - 2.58 \leq -3.6x$

$x \leq 0.3$

2) $\frac{x + 2.5}{1.4} \geq -13$

$x \geq -20.7$

3) $19 > -34.4x + 1.8$

$x > -0.5$

4) $-6.2x < -17x + 43$

$x < 4$

$\frac{x}{3} - 7.03 \leq 1.26$

$x \leq 24.87$

7) $-2 \geq \frac{x - 19.4}{8.8}$

$x \leq 1.8$

$-15.47 < -5.72 + 6.5x$

$x > -1.5$

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10) $4.1x + 14.05 > 2.16$

$x > -2.9$

11) $1.8 \geq 7 + \frac{x}{2.9}$

$x \leq -15.08$

12) $2.1x < 5.1x + 38.25$

$x > -12.75$