

Solving One-Step Inequalities

DS1

Solve each inequality.

1) $-5 \leq \frac{x}{2}$

2) $-4 > x - 3$

3) $-6 \leq 21x$

4) $11 < x + 7$

$-12 > x - 9$

7) $8x \geq 2$

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

10) $x - 1 > -14$

11) $16x \geq -4$

12) $x + 10 < 15$

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Solving One-Step Inequalities

DS1

Solve each inequality.

1) $-5 \leq \frac{x}{2}$

$x \geq -10$

2) $-4 > x - 3$

$x < -1$

3) $-6 \leq 21x$

$x \geq -\frac{2}{7}$

4) $11 < x + 7$

$x > 4$

$-12 > x - 9$

$x < -3$

7) $8x \geq 2$

$x \geq \frac{1}{4}$

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

$x \leq -20$

10) $x - 1 > -14$

$x > -13$

11) $16x \geq -4$

$x \geq -\frac{1}{4}$

12) $x + 10 < 15$

$x < 5$

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