

Solving One-Step Inequalities

DS4

Solve each inequality.

1) $-4x < 14$

2) $12 \leq x + 1$

3) $\frac{x}{8} \leq -2$

4) $-5 \leq \frac{x}{6}$

$-17 \geq x + 6$

7) $-18 < x - 10$

$5x > -3$

10) $x + 15 < 16$

11) $-21 \geq 7x$

12) $x + 13 \leq 9$

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Solving One-Step Inequalities

DS4

Solve each inequality.

1) $-4x < 14$

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

2) $12 \leq x + 1$

$x \geq 11$

3) $\frac{x}{8} \leq -2$

$x \leq -16$

4) $-5 \leq \frac{x}{6}$

$x \geq -30$

$-17 \geq x + 6$

$x \leq -23$

7) $-18 < x - 10$

$x > -8$

$5x > -3$

$x > -\frac{3}{5}$

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10) $x + 15 < 16$

$x < 1$

11) $-21 \geq 7x$

$x \leq -3$

12) $x + 13 \leq 9$

$x \leq -4$