

Solving Two-Step Inequalities

ES2

Solve each inequality.

1) $\frac{x-3}{5} \leq 4$

2) $4x - 1 \geq 3$

3) $4x + 5 > 21$

4) $2x - 9 > 7$

$\frac{x}{5} + 2 > 6$

7) $4x + 8 < 11$

$3x - 6 \geq 18$

10) $\frac{x-4}{2} \leq 6$

11) $7x + 2 \geq 16$

12) $9x - 7 > 20$

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Solving Two-Step Inequalities

ES2

Solve each inequality.

1) $\frac{x-3}{5} \leq 4$

$x \leq 23$

2) $4x - 1 \geq 3$

$x \geq 1$

3) $4x + 5 > 21$

$x > 4$

4) $2x - 9 > 7$

$x > 8$

$\frac{x}{5} + 2 > 6$

$x > 20$

7) $4x + 8 < 11$

$x < \frac{3}{4}$

$3x - 6 \geq 18$

$x \geq 8$

10) $\frac{x-4}{2} \leq 6$

$x \leq 16$

11) $7x + 2 \geq 16$

$x \geq 2$

12) $9x - 7 > 20$

$x > 3$

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