

Solving Two-Step Inequalities

ES3

Solve each inequality.

1) $6x - 4 \geq 5$

2) $8x + 7 > 23$

3) $\frac{x-2}{3} \leq 1$

4) $\frac{x}{2} + 3 < 9$

$5 + 2x \leq 7$

7) $5x - 4 \geq 16$

$\frac{x}{4} + 1 > 2$

10) $2x + 6 \geq 12$

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

12) $3x - 2 > 19$

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ES3

Solve each inequality.

1) $6x - 4 \geq 5$

$x \geq \frac{3}{2}$

2) $8x + 7 > 23$

$x > 2$

3) $\frac{x-2}{3} \leq 1$

$x \leq 5$

4) $\frac{x}{2} + 3 < 9$

$x < 12$

$5 + 2x \leq 7$

$x \leq 1$

7) $5x - 4 \geq 16$

$x \geq 4$

$\frac{x}{4} + 1 > 2$

$x > 4$

10) $2x + 6 \geq 12$

$x \geq 3$

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

$x \leq 19$

12) $3x - 2 > 19$

$x > 7$

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