

Solving Two-Step Inequalities

MS1

Solve each inequality.

1) $2 < 3x + 9$

2) $2x + 6 \geq 4x$

3) $7 \leq \frac{x-1}{3}$

4) $5x - 7 < 13$

$9 + 6x \geq 8$

7) $27 \geq 8x - 5$

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

10) $6x \geq 2x - 8$

11) $3 \leq \frac{x-4}{5}$

12) $4x - 9 < 3$

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Solving Two-Step Inequalities

MS1

Solve each inequality.

1) $2 < 3x + 9$

$x > -\frac{7}{3}$

2) $2x + 6 \geq 4x$

$x \leq 3$

3) $7 \leq \frac{x-1}{3}$

$x \geq 22$

4) $5x - 7 < 13$

$x < 4$

$9 + 6x \geq 8$

$x \geq -\frac{1}{6}$

7) $27 \geq 8x - 5$

$x \leq 4$

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

$x < -20$

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10) $6x \geq 2x - 8$

$x \geq -2$

11) $3 \leq \frac{x-4}{5}$

$x \geq 19$

12) $4x - 9 < 3$

$x < 3$