

Solving Multi-Step Inequalities

MS2

Solve each inequality.

1) $7x - 3 \geq \frac{5x}{2}$

2) $3x + 1 > 4x + 7$

3) $3(2 + 6x) \leq$

5) $12x + \frac{x}{2} >$

7) $8 < 4(7x + 3)$

8) $\frac{3 - 4x}{6} \geq x$

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Solving Multi-Step Inequalities

MS2

Solve each inequality.

1) $7x - 3 \geq \frac{5x}{2}$

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

2) $3x + 1 > 4x + 7$

$x < -6$

3) $3(2 + 6x) \leq$

x

> 5

5) $12x + \frac{x}{2} >$

x

$-\frac{3}{5}$

7) $8 < 4(7x + 3)$

$x > -\frac{1}{7}$

8) $\frac{3 - 4x}{6} \geq x$

$x \leq \frac{3}{10}$

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