

Solving Multi-Step Inequalities

ES3

Solve each inequality.

1) $\frac{4x - 6}{5} > 2$

2) $3(6x - 8) < 9$

3) $\frac{9x}{3} - x > 3$

5) $3(2 + 11x) < -x$

7) $\frac{6x + 13}{10} \geq 2$

8) $x + \frac{7x}{2} \leq 4$

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Solving Multi-Step Inequalities

ES3

Solve each inequality.

1) $\frac{4x - 6}{5} > 2$

$x > 4$

2) $3(6x - 8) < 9$

$x < \frac{11}{6}$

3) $\frac{9x}{3} - x > 3$

$x > 4$

$x > 4$

5) $3(2 + 11x) < -x$

$x < 18$

$x < 18$

7) $\frac{6x + 13}{10} \geq 2$

$x \geq \frac{7}{6}$

8) $x + \frac{7x}{2} \leq 4$

$x \leq \frac{8}{9}$

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