

Solving Two-Step Inequalities

Fractions: S5

Solve each inequality.

1) $7x + \frac{5}{4} > 3$

2) $\frac{1}{3} < \frac{x-9}{7}$

3) $\frac{5x}{6} + 9 \geq 5$

4) $10 - x \leq \frac{3x}{7}$

$11 - 4x < \frac{2x}{5}$

7) $\frac{7}{4}x + 1 \geq \frac{1}{15}$

$-\frac{9}{2} > \frac{x}{8} - 7$

10) $\frac{6}{5} < \frac{x}{10} - 2$

11) $\frac{1}{3}x + 2 \geq -16$

12) $\frac{13}{8}x - 3 \leq \frac{5}{4}$

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