

Solving Two-Step Inequalities

Fractions: S4

Solve each inequality.

1) $4 - 5x \leq \frac{x}{7}$

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

3) $\frac{1}{11} < \frac{x-6}{22}$

4) $\frac{2x}{3} + 17 \geq 9$

$\frac{x+8}{3} > -\frac{7}{9}$

7) $9x - 7 < \frac{13}{2}$

$\frac{x}{5} - \frac{3}{10} \leq 2$

10) $\frac{1}{9}x + 4 > \frac{1}{3}$

11) $\frac{8}{5} < \frac{x}{10} - 2$

12) $\frac{1}{8}x - 3 \geq -4$

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