

Solving Two-Step Inequalities

Fractions: S1

Solve each inequality.

1) $\frac{1}{3}x + 2 < \frac{4}{5}$

2) $\frac{1}{7}x - 8 > -12$

3) $\frac{9}{2} \leq \frac{x}{5} + 6$

4) $-\frac{8}{3} \geq \frac{x}{9} - 6$

$\frac{7}{6}x - 4 > \frac{1}{2}$

7) $10 + 3x \leq \frac{x}{2}$

$9 + x < \frac{2x}{5}$

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10) $\frac{4x}{5} - 8 > 4$

11) $\frac{7}{9} \leq \frac{x+8}{6}$

12) $6x - \frac{4}{3} \geq 10$