

Solving One-Step Inequalities

Fractions: S1

Solve each inequality.

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

2) $\frac{7}{3}x > -4$

3) $3 \leq \frac{x}{6}$

4) $x + \frac{5}{2} \geq 8$

$-1 > \frac{x}{9}$

7) $\frac{x}{7} \leq -\frac{1}{3}$

$\frac{9}{2} < x + 6$

10) $\frac{2}{3}x > -\frac{6}{5}$

11) $x - \frac{1}{2} \leq 4$

12) $\frac{5}{4} \geq -10x$

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Answer key**Solving One-Step Inequalities**

Fractions: S1

Solve each inequality.

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

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

2) $\frac{7}{3}x > -4$

$x > -\frac{12}{7}$

3) $3 \leq \frac{x}{6}$

$x \geq 18$

4) $x + \frac{5}{2} \geq 8$

$x \geq \frac{11}{2}$

$-1 > \frac{x}{9}$

$x < -9$

7) $\frac{x}{7} \leq -\frac{1}{3}$

$x \leq -\frac{7}{3}$

$\frac{9}{2} < x + 6$

$x > -\frac{3}{2}$

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10) $\frac{2}{3}x > -\frac{6}{5}$

$x > -\frac{9}{5}$

11) $x - \frac{1}{2} \leq 4$

$x \leq \frac{9}{2}$

12) $\frac{5}{4} \geq -10x$

$x \geq -\frac{1}{8}$