Name : _____ Score : _____

Solving One-Step Inequalities

Fractions: S2

Solve each inequality.

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

2) $x - \frac{7}{6} < 1$

3) $\frac{4}{3} > -8x$

4) $\frac{x}{2} \leq -\frac{3}{8}$

$\frac{1}{5} < x + 3$

7) $12x < \frac{2}{3}$

$-8 \leq \frac{x}{4}$

10) $x + \frac{1}{2} \geq 9$

11) $\frac{8}{6} < x - 5$

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

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Name : _____ Score : _____

Answer key

Solving One-Step Inequalities

Fractions: S2

Solve each inequality.

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

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

2) $x - \frac{7}{6} < 1$

$x < \frac{13}{6}$

3) $\frac{4}{3} > -8x$

$x > -\frac{1}{6}$

4) $\frac{x}{2} \leq -\frac{3}{8}$

$x \leq -\frac{3}{4}$

$\frac{1}{5} < x + 3$

$x > -\frac{14}{5}$

7) $12x < \frac{2}{3}$

$x < \frac{1}{18}$

$-8 \leq \frac{x}{4}$

$x \geq -32$

10) $x + \frac{1}{2} \geq 9$

$x \geq \frac{17}{2}$

11) $\frac{8}{6} < x - 5$

$x > \frac{19}{3}$

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

$x < -14$

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