

Solving One-Step Inequalities

Decimals: S5

Solve each inequality.

1) $9.3 < \frac{x}{1.3}$

2) $6.6 + x \leq -10.7$

3) $2.5x \geq 11.9$

4) $x + 9.5 \geq 2.4$

$-5.83 > x - 2.11$

7) $2.14 > x - 0.3$

$5.24 < 0.84 + x$

10) $1.4x < -4.9$

11) $x - 9.2 \geq 6.9$

12) $\frac{x}{9} \leq 2.1$

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Answer key**Solving One-Step Inequalities**

Decimals: S5

Solve each inequality.

1) $9.3 < \frac{x}{1.3}$

$x > 12.09$

2) $6.6 + x \leq -10.7$

$x \leq -17.3$

3) $2.5x \geq 11.9$

$x \geq 4.76$

4) $x + 9.5 \geq 2.4$

$x \geq -7.1$

$-5.83 > x - 2.11$

$x < -3.72$

7) $2.14 > x - 0.3$

$x < 2.44$

$5.24 < 0.84 + x$

$x > 4.4$

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10) $1.4x < -4.9$

$x < -3.5$

11) $x - 9.2 \geq 6.9$

$x \geq 16.1$

12) $\frac{x}{9} \leq 2.1$

$x \leq 18.9$