

Solving One-Step Inequalities

Decimals: S4

Solve each inequality.

1) $8.05 > -0.7x$

2) $x + 0.12 > 8.3$

3) $\frac{x}{1.5} \geq -0.2$

4) $3.8 \geq x - 1.67$

$-9.9 > x + 1.3$

7) $\frac{x}{3} > 7.4$

$10.2 \geq 8.5x$

10) $2.9 + x \geq 11.1$

11) $-5 > \frac{x}{0.9}$

12) $x - 4.1 > 6.5$

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Answer key**Solving One-Step Inequalities**

Decimals: S4

Solve each inequality.

1) $8.05 > -0.7x$

$x > -11.5$

2) $x + 0.12 > 8.3$

$x > 8.18$

3) $\frac{x}{1.5} \geq -0.2$

$x \geq -0.3$

4) $3.8 \geq x - 1.67$

$x \leq 5.47$

$-9.9 > x + 1.3$

$x < -11.2$

7) $\frac{x}{3} > 7.4$

$x > 22.2$

$10.2 \geq 8.5x$

$x \leq 1.2$

10) $2.9 + x \geq 11.1$

$x \geq 8.2$

11) $-5 > \frac{x}{0.9}$

$x < -4.5$

12) $x - 4.1 > 6.5$

$x > 10.6$

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