

Solving Absolute Inequalities

One-step: S1

Solve each inequality.

1) $|x + 30| \geq 35$

2) $|3x| < 12$

3) $\frac{|-x|}{9} \leq 3$

5) $|13x| > 26$

7) $|x - 40| < -$

9) $|x + 5| \leq 10$

10) $-|14x| > 42$

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Solving Absolute Inequalities

One-step: S1

Solve each inequality.

1) $|x + 30| \geq 35$

$x \leq -65$ or $x \geq 5$

2) $|3x| < 12$

$-4 < x < 4$

3) $\frac{|-x|}{9} \leq 3$

-27

or $x > 50$

5) $|13x| > 26$

$x < -2$

$x \leq 15$

7) $|x - 40| < -$

No solution

$x \leq -11$ or $x \geq 11$

9) $|x + 5| \leq 10$

$-15 \leq x \leq 5$

10) $-|14x| > 42$

No solution**PREVIEW**Gain complete access to the largest
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