

**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**

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