

**Solving Absolute Inequalities**

One-step: S2

Solve each inequality.

1)  $\frac{|x|}{17} \leq 2$

2)  $|-x + 33| > 55$

3)  $|x - 10| \geq 2$

5)  $-|x + 21| <$

7)  $|8x| > 32$

9)  $\frac{|x|}{4} < 15$

10)  $|22x| \geq 66$

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**Solving Absolute Inequalities**

One-step: S2

Solve each inequality.

1)  $\frac{|x|}{17} \leq 2$

$-34 \leq x \leq 34$

2)  $|-x + 33| > 55$

$x < -22$  or  $x > 88$

3)  $|x - 10| \geq 2$

$x \leq -10$

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5)  $-|x + 21| <$

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or  $x \geq 8$ 

7)  $|8x| > 32$

$x < -4$  or  $x > 4$

$-10 \leq x \leq 24$

9)  $\frac{|x|}{4} < 15$

$-60 < x < 60$

10)  $|22x| \geq 66$

$x \leq -3$  or  $x \geq 3$

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