

**Solving Absolute Inequalities**

Two-step: S1

Solve each inequality.

1)  $|3x - 3| < 9$

2)  $-|21x + 5| \geq 47$

3)  $\frac{|x|}{2} + 4 > 12$

4)  $|x - 7|$

5)  $|-2x + 1| \leq 5$

7)  $13 - |x - 19|$

9)  $\frac{|x + 5|}{15} < 2$

10)  $19|x - 6| \geq 76$

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**Solving Absolute Inequalities**

Two-step: S1

Solve each inequality.

1)  $|3x - 3| < 9$

$-2 < x < 4$

2)  $-|21x + 5| \geq 47$

**No solution**

3)  $\frac{|x|}{2} + 4 > 12$

$x < -16$

$|x - 7|$

**or  $x \geq 17$**

5)  $|-2x + 1| \leq 5$

$-2$

$x < 2$

7)  $13 - |x - 19|$

**No solution**

$x < -68$  or  $x > 68$

9)  $\frac{|x + 5|}{15} < 2$

$-35 < x < 25$

10)  $19|x - 6| \geq 76$

$x \leq 2$  or  $x \geq 10$

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