

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) $-|x + 21| < 2$

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) $|x - 10| \geq 2$

$x \leq -10$

olution

5) $-|x + 21| <$

No s

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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