

Solving Absolute Inequalities

One-step: S3

Solve each inequality.

1) $|15x| > 75$

2) $\frac{|x|}{24} \geq 2$

3) $|x + 36| < -$

5) $|x - 15| \geq 2$

7) $\frac{|x|}{7} \leq -5$

9) $|x - 12| > 10$

10) $|x + 11| \leq 1$

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Solving Absolute Inequalities

One-step: S3

Solve each inequality.

1) $|15x| > 75$

$x < -5 \text{ or } x > 5$

2) $\frac{|x|}{24} \geq 2$

$x \leq -48 \text{ or } x \geq 48$

3) $|x + 36| < -$

No s

$x \leq 14$

5) $|x - 15| \geq 2$

$x \leq -5$

$\text{or } x > 3$

7) $\frac{|x|}{7} \leq -5$

No solution

$-6 < x < 6$

9) $|x - 12| > 10$

$x < 2 \text{ or } x > 22$

10) $|x + 11| \leq 1$

$-12 \leq x \leq -10$

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