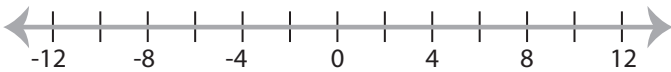


## Solving & Graphing Inequalities

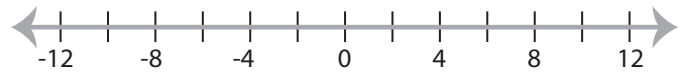
Two-step: S3

Solve each problem and graph the solutions.

1)  $|20x| - 8 \geq 72$



2)  $|x + 2| + 3 > 7$



3)  $\frac{|x|}{5} + 30 \leq 34$



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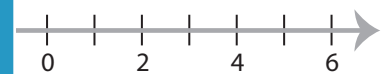
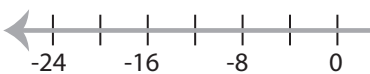
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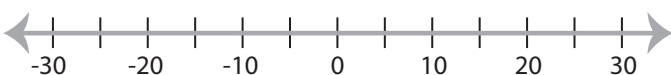
5



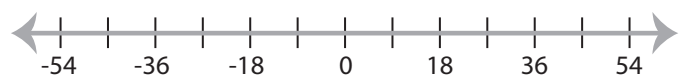
5)  $\frac{|x - 4|}{7} > -3$



7)  $\frac{|4x|}{6} - 1 \leq 9$



8)  $|2x| - 11 > 25$



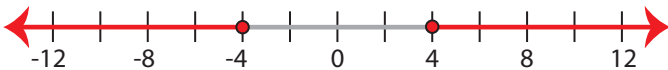
## Solving & Graphing Inequalities

Two-step: S3

Solve each problem and graph the solutions.

1)  $|20x| - 8 \geq 72$

$x \leq -4 \text{ or } x \geq 4$



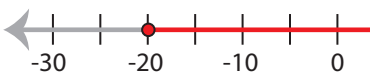
2)  $|x + 2| + 3 > 7$

$x < -6 \text{ or } x > 2$



3)  $\frac{|x|}{5} + 30 \leq 34$

$-20 \leq x \leq 20$



# PREVIEW

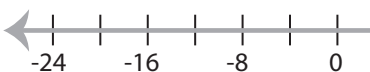
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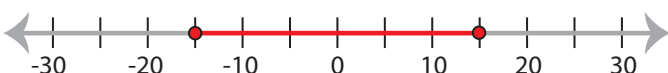
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5)  $\frac{|x - 4|}{7} > -3$

**No solution**

7)  $\frac{|4x|}{6} - 1 \leq 9$

$-15 \leq x \leq 15$



8)  $|2x| - 11 > 25$

$x < -18 \text{ or } x > 18$

