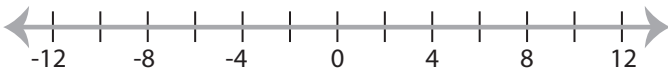


Solving & Graphing Inequalities

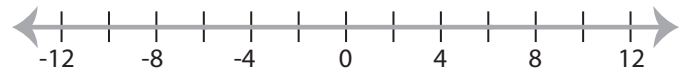
Two-step: S1

Solve each problem and graph the solutions.

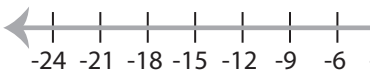
1) $|3x| - 8 > 16$



2) $\frac{|x|}{2} + 4 \leq 7$



3) $\frac{|x+6|}{3} \geq 5$



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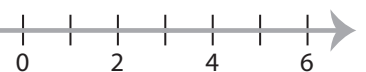
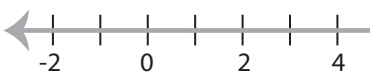
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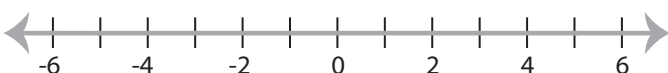
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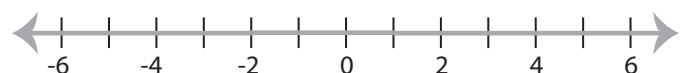
5) $|x - 5| + 11 < 13$



7) $|15x| - 10 > 65$



8) $|2x + 1| \leq 3$



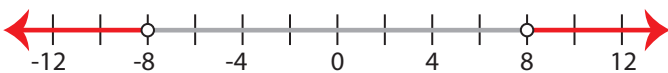
Solving & Graphing Inequalities

Two-step: S1

Solve each problem and graph the solutions.

1) $|3x| - 8 > 16$

$x < -8 \text{ or } x > 8$



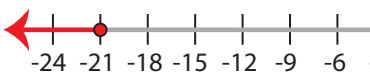
2) $\frac{|x|}{2} + 4 \leq 7$

$-6 \leq x \leq 6$



3) $\frac{|x+6|}{3} \geq 5$

$x \leq -21 \text{ or } x \geq 9$



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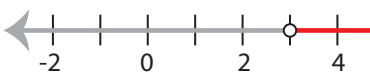
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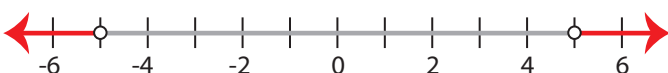
5) $|x - 5| + 11 < 13$

$3 < x < 7$



7) $|15x| - 10 > 65$

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



8) $|2x + 1| \leq 3$

$-2 \leq x \leq 1$

