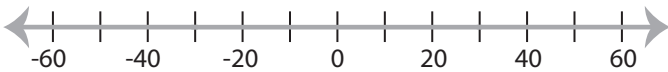


Solving & Graphing Inequalities

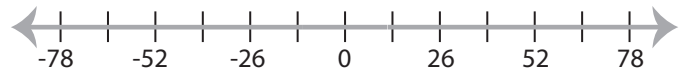
One-step: S3

Solve each problem and graph the solutions.

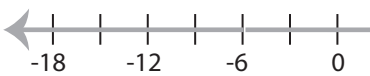
1) $\frac{|x|}{5} \leq 6$



2) $|x| + 14 \geq 27$



3) $11|x| < 66$



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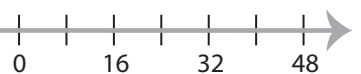
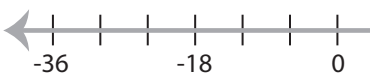
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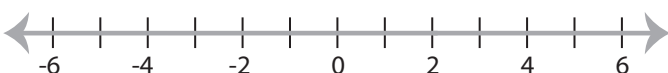
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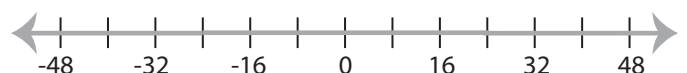
5) $-|x + 12| \geq 18$



7) $|16x| < 32$



8) $\frac{|x|}{12} > 2$



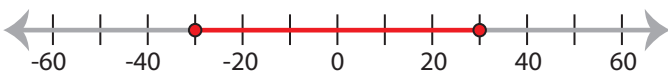
Solving & Graphing Inequalities

One-step: S3

Solve each problem and graph the solutions.

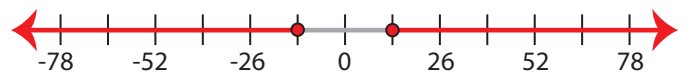
1) $\frac{|x|}{5} \leq 6$

$$-30 \leq x \leq 30$$



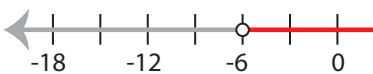
2) $|x| + 14 \geq 27$

$$x \leq -13 \text{ or } x \geq 13$$



3) $11|x| < 66$

$$-6 < x < 6$$



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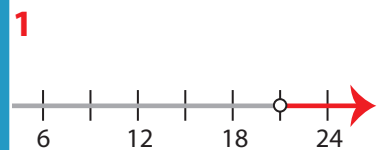
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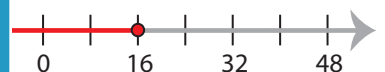
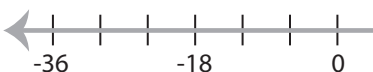
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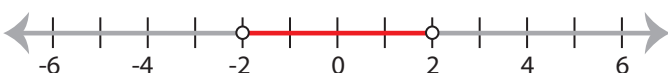
5) $-|x + 12| \geq 18$

No solution



7) $|16x| < 32$

$$-2 < x < 2$$



8) $\frac{|x|}{12} > 2$

$$x < -24 \text{ or } x > 24$$

