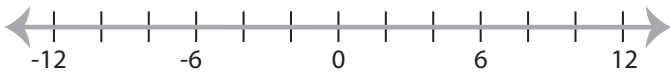


## Solving & Graphing Inequalities

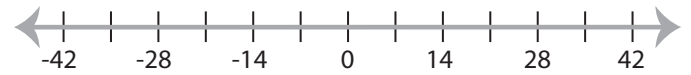
DS1

Solve each inequality and graph the solution.

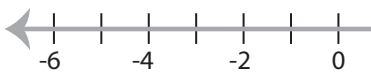
1)  $\frac{2x - 10}{x + 6} > -9$



2)  $\frac{1}{12}(5x + 7) < \frac{1}{3}x$



3)  $\frac{x}{6} - \frac{x}{2} \leq \frac{1}{3}$



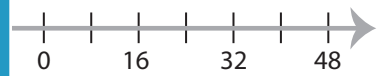
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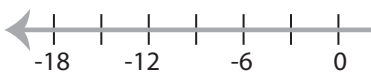
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5)  $\frac{1}{x - 15} < \frac{1}{3x + 9}$



7)  $2(3x + 14) \leq -8x$



8)  $x + 1 \geq \frac{1}{6}(x - 9)$

