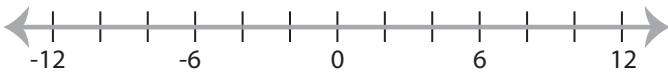


Solving & Graphing Inequalities

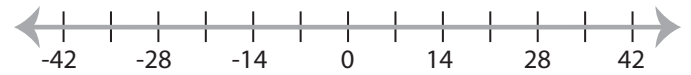
DS1

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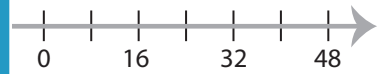
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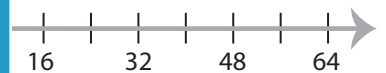
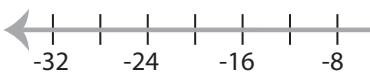
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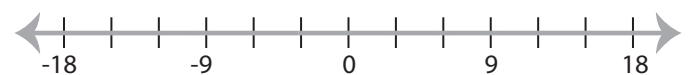
5) $\frac{1}{x - 15} < \frac{1}{3x + 9}$



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



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



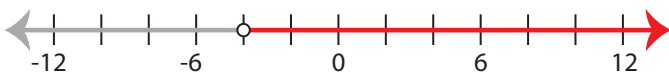
Solving & Graphing Inequalities

DS1

Solve each inequality and graph the solution.

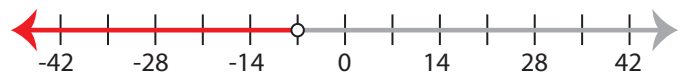
1) $\frac{2x - 10}{x + 6} > -9$

$x > -4$



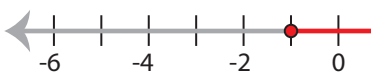
2) $\frac{1}{12}(5x + 7) < \frac{1}{3}x$

$x < -7$



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

$x \geq -1$



PREVIEW

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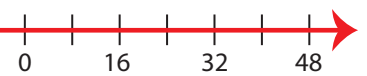
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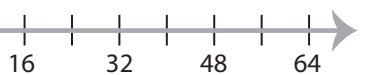
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5) $\frac{1}{x - 15} < \frac{1}{3x + 9}$

$x < -12$



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

$x \leq -2$



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

$x \geq -3$

