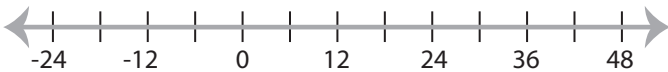


Solving & Graphing Inequalities

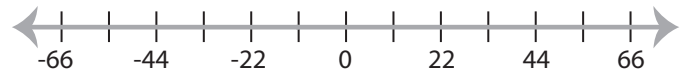
DS3

Solve each inequality and graph the solution.

1) $\frac{1}{3} < \frac{x}{6} - \frac{x}{9}$



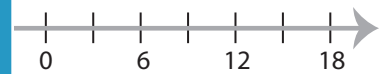
2) $-14 > \frac{6x-4}{5}$



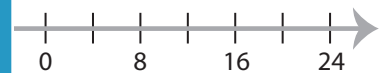
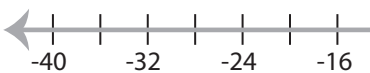
3) $\frac{1}{13}(5x+16) \leq \frac{1}{3}x$



- 10)



5) $5 < \frac{8x+15}{x-9}$



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7) $\frac{1}{2x+5} \leq \frac{1}{x-11}$



8) $-7 \geq \frac{x}{2} - \frac{x}{4}$



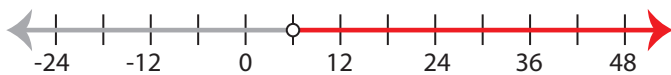
Solving & Graphing Inequalities

DS3

Solve each inequality and graph the solution.

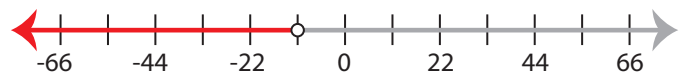
1) $\frac{1}{3} < \frac{x}{6} - \frac{x}{9}$

$x > 6$



2) $-14 > \frac{6x-4}{5}$

$x < -11$



3) $\frac{1}{13}(5x+16) \leq \frac{1}{3}x$

$x \leq -24$



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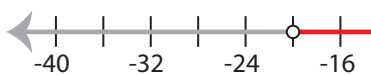
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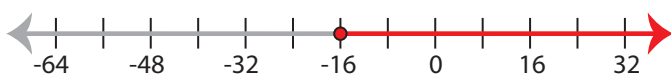
5) $5 < \frac{8x+15}{x-9}$

$x > -20$



7) $\frac{1}{2x+5} \leq \frac{1}{x-11}$

$x \geq -16$



8) $-7 \geq \frac{x}{2} - \frac{x}{4}$

$x \leq -28$

