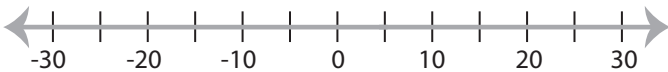


## Solving & Graphing Inequalities

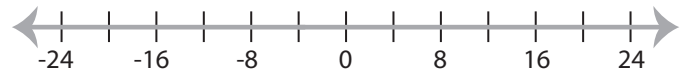
MS1

Solve each inequality and graph the solution.

1)  $9 + x \leq \frac{3x}{5} + 11$



2)  $8x + 16 > 5x + 4$



3)  $15x + 19 \geq 10x - 11$



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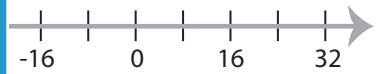
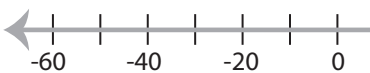
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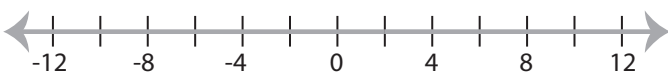
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5)  $7 \leq \frac{4x + 2}{6}$



7)  $15 \geq 3(7x - 9)$



8)  $x + 14 < \frac{x}{2}$



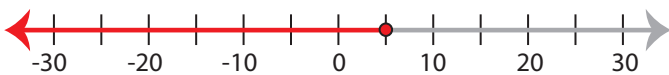
**Solving & Graphing Inequalities**

MS1

Solve each inequality and graph the solution.

1)  $9 + x \leq \frac{3x}{5} + 11$

$x \leq 5$



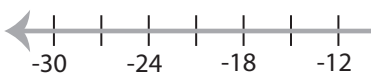
2)  $8x + 16 > 5x + 4$

$x > -4$



3)  $15x + 19 \geq 10x - 11$

$x \geq -6$



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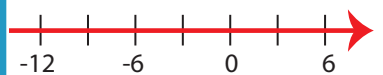
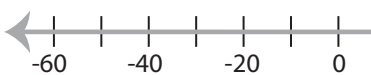
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5)  $7 \leq \frac{4x + 2}{6}$

$x \geq 10$



7)  $15 \geq 3(7x - 9)$

$x \leq 2$



8)  $x + 14 < \frac{x}{2}$

$x < -28$

