

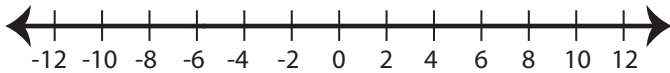
Name : \_\_\_\_\_

Score : \_\_\_\_\_

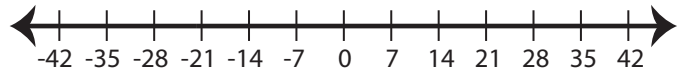
**Solving & Graphing Inequalities**

Solve each inequality and graph the solution.

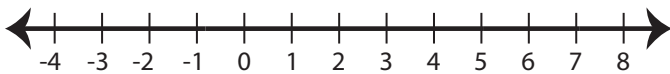
1)  $x - 2 > 4$



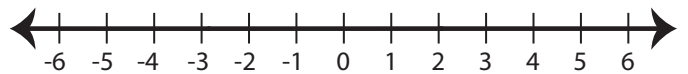
2)  $\frac{x}{3} \leq 7$



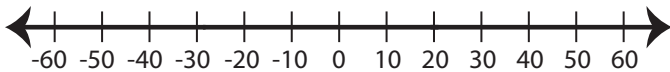
3)  $6x < 30$



4)  $x + 9 \geq 11$



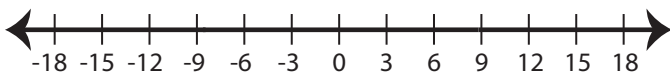
5)  $\frac{x}{2} \geq 10$



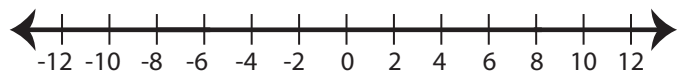
6)  $x - 5 \leq 2$



7)  $7 + x < 16$



8)  $4x \geq 32$

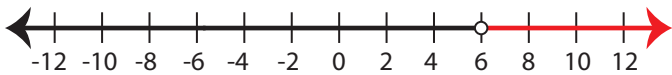


**Answer key**

Solve each inequality and graph the solution.

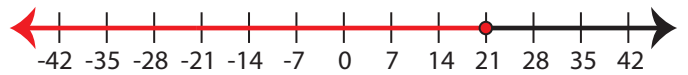
1)  $x - 2 > 4$

$x > 6$



2)  $\frac{x}{3} \leq 7$

$x \leq 21$



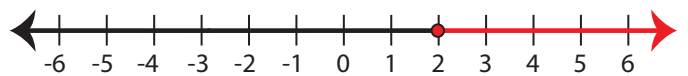
3)  $6x < 30$

$x < 5$



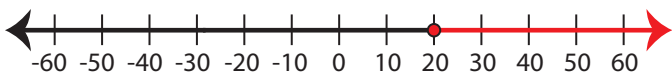
4)  $x + 9 \geq 11$

$x \geq 2$



5)  $\frac{x}{2} \geq 10$

$x \geq 20$



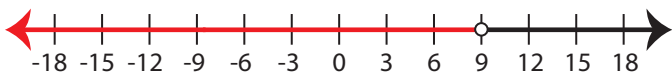
6)  $x - 5 \leq 2$

$x \leq 7$



7)  $7 + x < 16$

$x < 9$



8)  $4x \geq 32$

$x \geq 8$

