

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

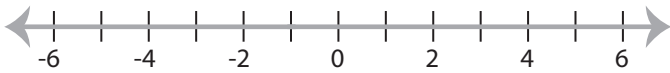
Score : \_\_\_\_\_

**Solving & Graphing Inequalities**

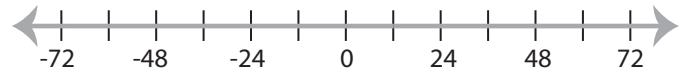
DS1

Solve each inequality and graph the solution.

1)  $6x - 4 < -10$



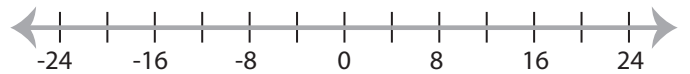
2)  $17 \leq \frac{x}{2} + 11$



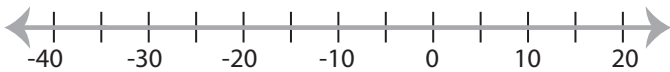
3)  $-4x - 7 > 1$



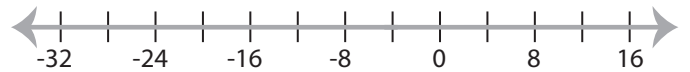
4)  $8 \leq -2x + 16$



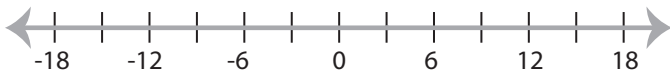
5)  $-9 < \frac{x}{5} - 2$



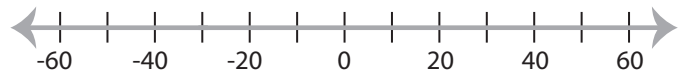
6)  $-6x + 20 \geq -11x$



7)  $-1 > 5x - 16$



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



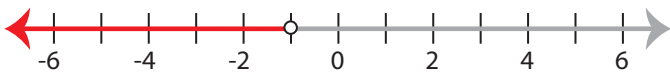
## Solving & Graphing Inequalities

DS1

Solve each inequality and graph the solution.

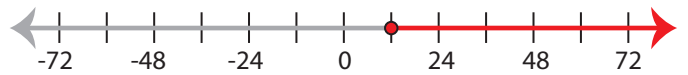
1)  $6x - 4 < -10$

$x < -1$



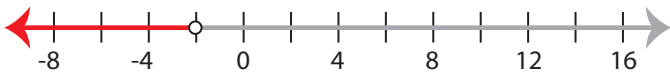
2)  $17 \leq \frac{x}{2} + 11$

$x \geq 12$



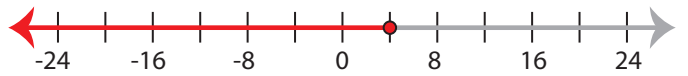
3)  $-4x - 7 > 1$

$x < -2$



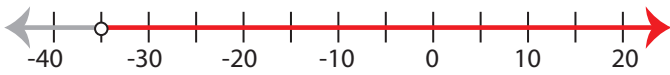
4)  $8 \leq -2x + 16$

$x \leq 4$



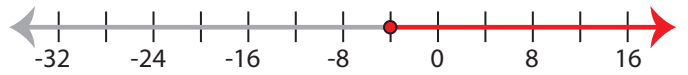
5)  $-9 < \frac{x}{5} - 2$

$x > -35$



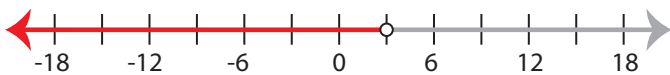
6)  $-6x + 20 \geq -11x$

$x \geq -4$



7)  $-1 > 5x - 16$

$x < 3$



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

$x \geq -30$

