

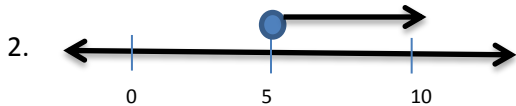
**Math Quiz** -3.2 Solving Inequalities (7<sup>th</sup>)

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

Directions: Find the solution set

1.  $-2x < 20$   $R = \{-30, -25, -20, 0, 5, 10\}$

Directions: Write the inequality to describe this graph



Directions: #3-10 Solve the inequality, then graph the solution

3.  $9 + c > 7$



4.  $-10 - d < -3$



5.  $-a/3 \geq 6$



6.  $4y \geq 36$



7.  $5t + 4 \geq 24$



8.  $\frac{a}{4} \geq 7$



9.  $6b \geq 42$



10.  $-4 + d \geq 6$

