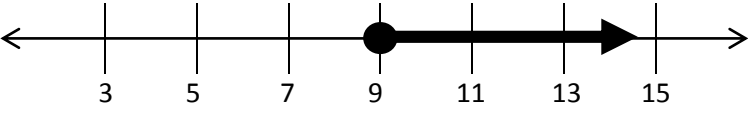
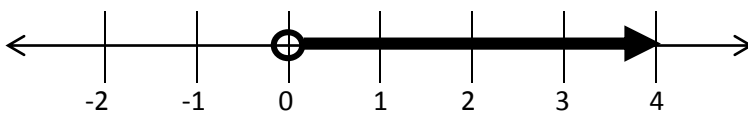
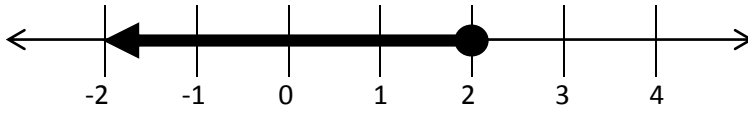
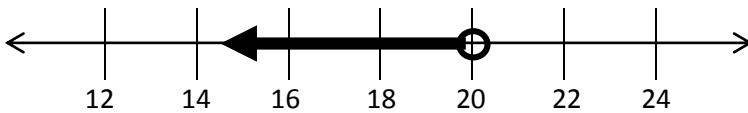


NAME \_\_\_\_\_ DATE \_\_\_\_\_ PERIOD \_\_\_\_\_

Directions: If given the inequality, solve and graph the solution set. If given the graph of the solution set, write a possible inequality.

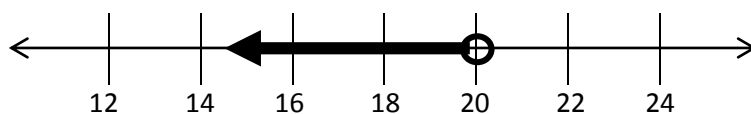
Inequality	Graph
$2x > 8$	
	
$2.5a < 7.5$	
	
$\frac{x}{5} \leq 9$	
	
$16 < -2n$	
Decide if the following solution is correct or incorrect. Justify your answer.	
$12x > 240$	

**ANSWER KEY** (All answers may vary.)

Inequality	Graph
$2x > 8$ $x > 4$	
Answers will vary. $x \geq 9$	
$2.5a < 7.5$ $a < 3$	
Answers will vary. $x > 0$	
$\frac{x}{5} \leq 9$ $x \leq 45$	
Answers will vary. $x \leq 2$	
$16 < -2n$ $8 > n$	

Decide if the following solution is correct or incorrect. Justify your answer.

$$12x > 240$$



The graph of the solution is incorrect. The arrow should be pointing to the right, indicating the solution is GREATER than 20.