

Name: _____

Date: _____

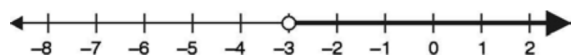
1. A go-cart has a maximum weight limit of 240 pounds. Which inequality correctly represents this weight limit, w ?

- A. $w \leq 240$ pounds B. $w < 240$ pounds
 C. $w \geq 240$ pounds D. $w > 240$ pounds

2. Jason is planning to go to a concert. He has \$25.00. A ticket costs \$11.75. Which inequality represents the amount of money Jason can spend on refreshments?

- A. $x + 11.75 \leq 25$ B. $x - 11.75 \leq 25$
 C. $x + 11.75 \geq 25$ D. $x - 11.75 \geq 25$

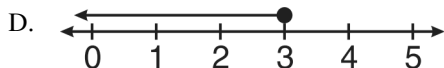
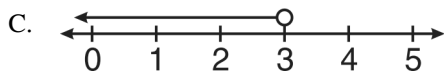
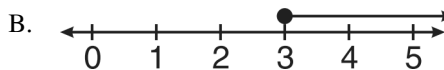
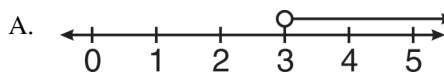
3. Use the line graph below to answer the question that follows.



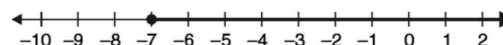
What is the solution set of the graph above?

- A. $x < -3$ B. $x \leq -3$
 C. $x > -3$ D. $x^3 - 3$

4. Which graph represents $x \geq 3$?



5. Use the graph below to answer the question that follows.



This graph is the solution set for which inequality?

- A. $x - 14 > 7$ B. $x - 7 \geq 14$
 C. $2x \geq -14$ D. $14x \geq -2$

6. What is the solution to the inequality $x - 5 > 14$?

- A. $x > 9$ B. $x > 19$
 C. $x < 9$ D. $x < 19$

7. Solve for k .

$$k - 9 = 36$$

- A. $k = -4$ B. $k = 4$
 C. $k = 27$ D. $k = 45$