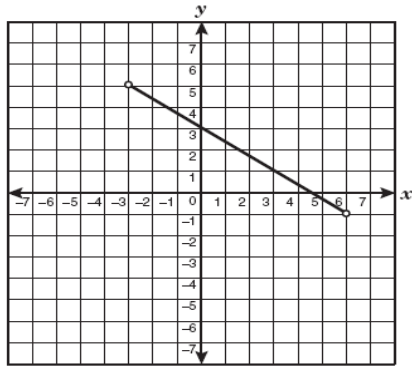


Domain & Range Practice

Directions: For each multiple-choice question below, choose the best answer.
Circle your choice.

1. Which inequality best represents the domain of the function shown on the graph?



A $-3 \leq x \leq 6$

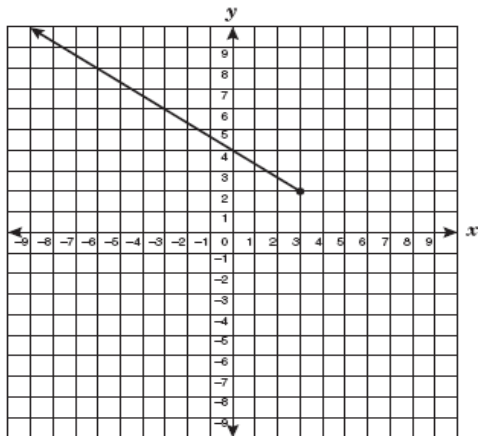
B $-3 < x < 6$

C $-1 < x < 5$

D $-1 \leq x \leq 5$

Correct answer: B

2. Which inequality best describes the range of the function shown on the graph?



A $y \leq 3$

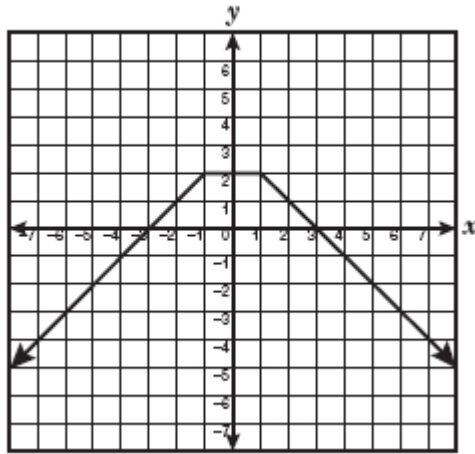
B $y \leq 2$

C $y \geq 3$

D $y \geq 2$

Correct answer: D

3. Which best describes the range represented in the graph?



A $-3 \leq y \leq 3$

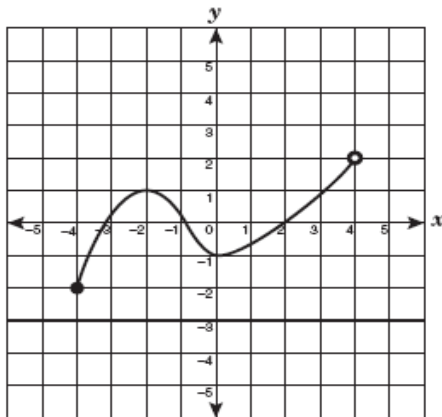
B $-3 \leq x \leq 3$

C $x \leq 2$

D $y \leq 2$

Correct answer: D

4. A function is graphed below.



Which of the following best represents the range of this function?

A $-2 \leq y < 2$

B $-4 < y \leq 4$

C $-2 < y \leq 2$

D $-4 \leq y < 4$

Correct answer: D

5. Mary deposits \$550 in a savings account at 3% simple annual interest. The value of this account, v , is given by the function $v = 550 + 16.5t$, in which t is the number of years the money is in the bank. What is the range of this function?

A $0 \leq v \leq 550$

B $v \geq 550$

C $v \leq 550$

D $0 \leq v \leq 16.5$

Correct answer: B