QUIZIZZ

NAME : _____

CLASS : _____

DATE : _____

Evaluating Functions (Equations & Graphs)

6 Questions

1.
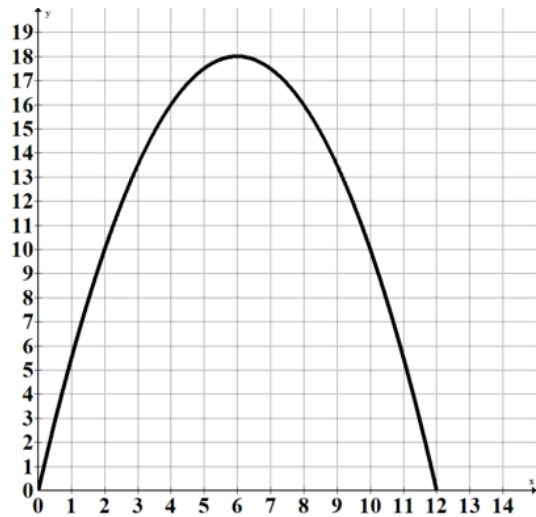

Evaluate f(6).

☐ a) f(6) = 18

☐ b) f(6) = 12

☐ c) f(6) = 10

☐ d) f(6) = 1

2.
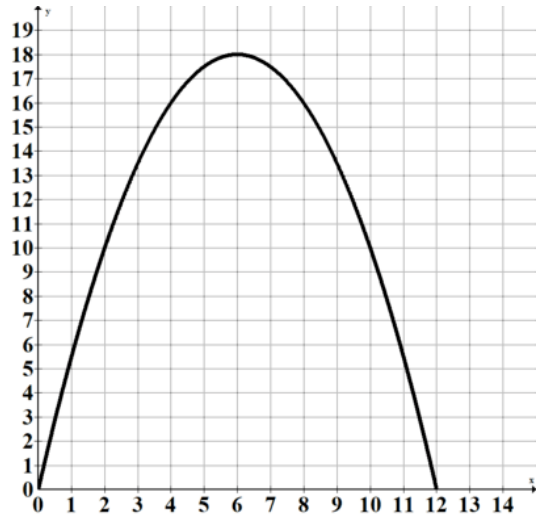
What is the value of x when f(x) = 16?

☐ a) x = 4 only

☐ b) x = 4 and x = 8

☐ c) x = 16

☐ d) Not on the graph

3.
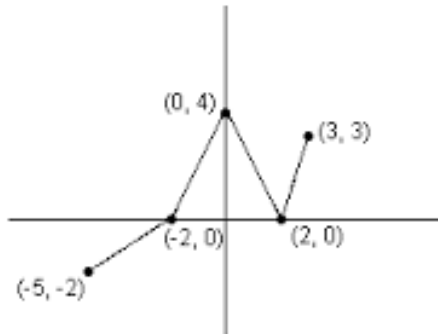
For what value of x does f(x) = -2?

☐ a) x = 0

☐ b) x = -5

☐ c) x = 3

☐ d) x = -3

4. If f(x) = 4x + 7, evaluate f(3).

☐ a) f(3) = 19

☐ b) f(3) = 14

☐ c) f(3) = 5

☐ d) f(3) = 12

5. If $f(x) = 4x + 7$, evaluate $f\left(-\frac{5}{2}\right)$.

☐ a)
$$f\left(-\frac{5}{2}\right) = 17$$

☐ b)
$$f\left(-\frac{5}{2}\right) = 27$$

☐ c)
$$f\left(-\frac{5}{2}\right) = -13$$

☐ d)
$$f\left(-\frac{5}{2}\right) = -3$$

6. If f(x) = 2x² + 5x - 3, evaluate f(-1).

☐ a) f(-1) = -6

☐ b) f(-1) = 1

☐ c) f(-1) = -10

☐ d) f(-1) = -1