

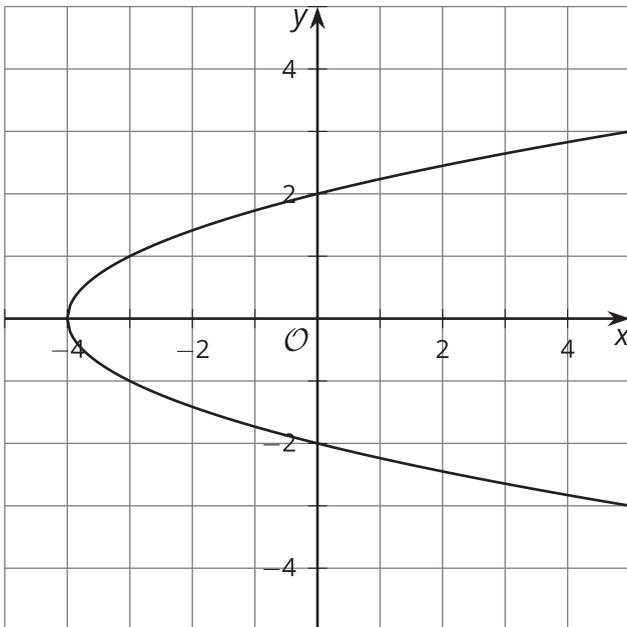
Unit 4 Lesson 3: Using Function Notation

1 Which One Doesn't Belong: Function Notation (Warm up)

Student Task Statement

Which one doesn't belong?

- $f(0) = 2$
- $(0, 5)$
- $y = x + 2$



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2 Points into Function Notation and Back

Student Task Statement

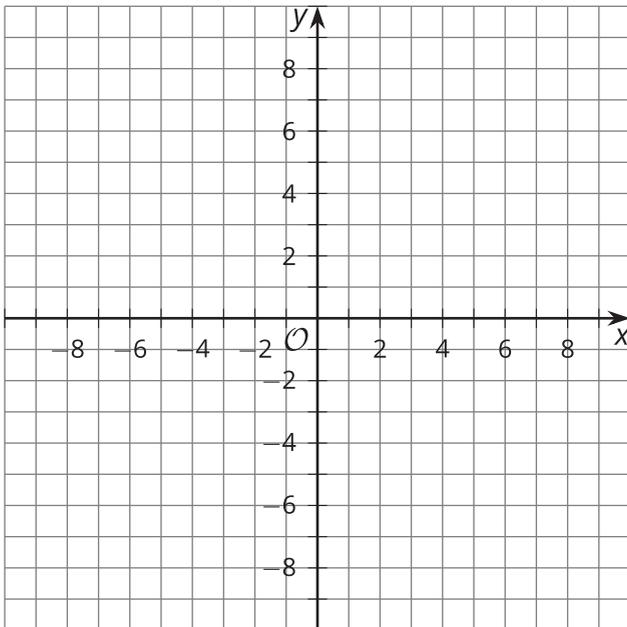
1. A function is given by the equation $y = f(x)$. Write each of these coordinate pairs in function notation.
 - a. $(2, 3)$
 - b. $(-1, 4)$
 - c. $(0, 3)$
 - d. $(4, 0)$
 - e. $(\frac{2}{3}, \frac{3}{4})$
2. A function is given by the equation $h(x) = 5x - 3$. Write the coordinate pair for the point associated with the given values in function notation.
 - a. $h(3)$
 - b. $h(-4)$
 - c. $h(\frac{2}{5})$

3 A Graph with Properties

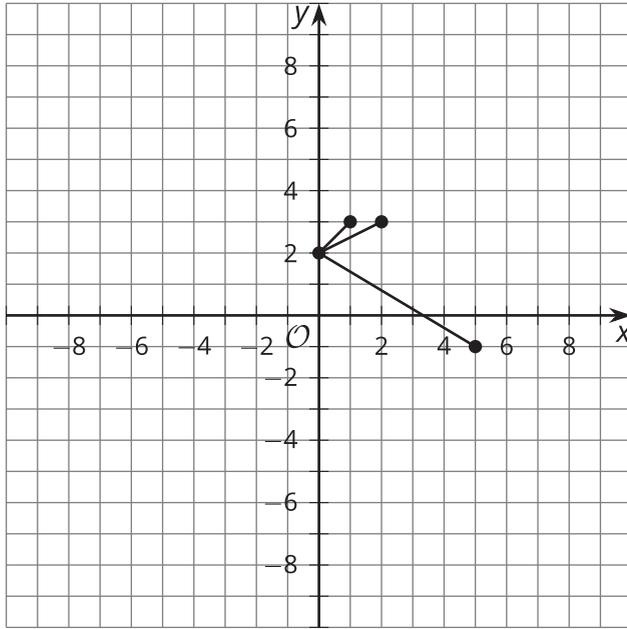
Student Task Statement

1. Draw a graph of function $y = g(x)$ that has these properties:

- $g(0) = 2$
- $g(1) = 3$
- $(2, 3)$ is on the graph
- $g(5) = -1$



2. Han draws this graph for $g(x)$. What is the error?



Activity Synthesis

