

Writing the Symbolic Representation of a Function (Graph → Symbolic)

Name:

Date:

Vocabulary Review:

In your own words, define each of the following vocabulary terms.

- Function

- Linear Function

- Quadratic Equation

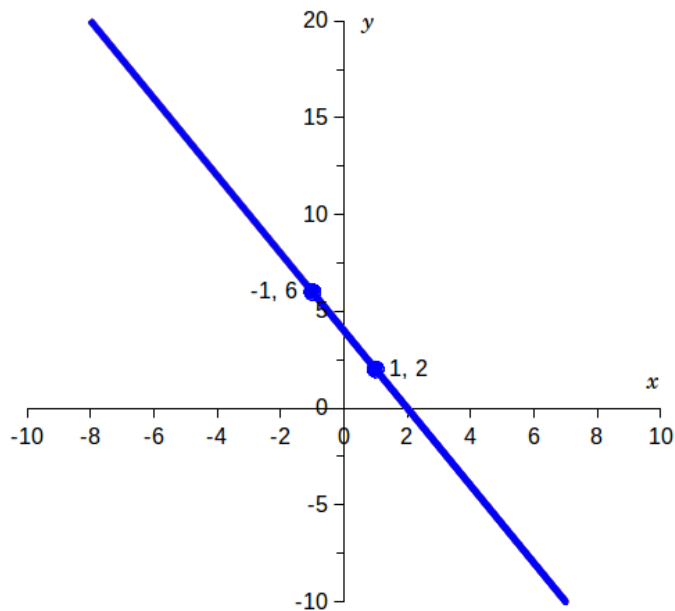
- Slope-Intercept Form

Apply New Learning:

1. Describe how a graphing calculator can be used to match a graph to a linear equation.

2. The graphs of $y = -x^2 + 5$ and $y = -x^2 + x + 5$ open downward. Describe how you know the graphs will open downward strictly from the equation.

3. Write an equation to describe the following graph.



4. Write an equation to describe the following graph.

