

## Determining Parent Functions (Verbal/Graph)

Name:

Date:

### Vocabulary Review:

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

- Parent Function
  
  
  
  
  
  
  
  
  
  
- Linear
  
  
  
  
  
  
  
  
  
  
- Quadratic

### Apply New Learning:

1. Describe how you can determine if a graph is linear or quadratic.

2. Describe how you can determine if an equation is linear or quadratic.

3. Draw a graph of a linear parent function, as well as the graph of a quadratic parent function.

4. Identify and sketch the parent function for  $y = 2x$ .

5. Identify and sketch the parent function for  $y = 3x^2 + 1$ .