Chapter 13 Objectives

* Identify a transformation of a quadratic function from its graph.
* Write the equation of a transformed quadratic in vertex form from a graph.
* From a transformed quadratic equation in vertex form, describe and graph the resulting quadratic.
* Evaluate exponential functions.
* Recognize the difference between linear, quadratic and exponential growth from data.
* Write and graph an exponential function to model exponential growth.
* Identify transformations of exponential functions.
* Identify domains and ranges of exponential functions.
* Write and graph an exponential function to model exponential decay.
* Use exponential models to make predictions.