Algebra 2
Chapter 6: Exponential and Logarithmic Functions
Outline

VOCABULARY

- Compound Interest Formula
- Continuously Compounded Interest Formula
- Decay Factor
- Exponential Decay
- Natural Base e
- Power Property of Logarithms
- Exponential Equations
- Exponential Function
- Exponential Growth
- Growth Factor
- Logarithm
- Logarithmic Equations
- Product Property of Logarithms
- Quotient Property of Logarithms

SECTIONS

- Section 6.1: Exponential Growth and Decay Functions
- Section 6.2: The Natural Base e
- Section 6.3: Logarithms and Logarithmic Functions
- Section 6.5: Properties of Logarithms
- Section 6.6: Solving Exponential and Logarithmic Equations

LEARNING TARGETS

6a. Understanding of how to determine if an exponential function is growth or decay from an equation and/or graph.

6b. Understanding of how to graph exponential growth and decay functions.

6c. Understanding of how to calculate compound and continuous interest.

6d. Understanding of logarithm and natural base expressions and properties.

6e. Understanding of solving exponential and logarithmic equations.

ASSESSMENTS

- Monday, 4/25 ➔ Quiz 6A
- Tuesday, 5/3 ➔ Chapter 6 Test