

Week's Objectives, Deadlines, etc

Mon Objective: Graph exponential functions.

Work: Reading Assignment (see bottom of page)

Tues Objective: Graph exponential functions. Use exponential functions to solve problems.

Due:: Thanksgiving work; Sect 11.1: 20 - 67

Work: Sect 11.2 (p 708-709): 10 - 28 Even

Wed Objective: Work on word problems using exponential functions. Define the number e , and use e to calculate continuously compounded interest.

Work: Sect 11.2 (p 709): 29 - 32, Sect 11.3 (p 714): 8 - 11

Thu Objective: Solve exponential equations using a graphing calculator.

Work: Worksheet

Fri Objective: State the definition of a logarithm. State the properties of logarithms. Convert between logarithms and exponents.

Work: Sect 11.4 (p 723): 20 - 31

1 Assignment Monday Nov 26, 2007

- Read section 11.2 (pages 704 to 708). Write definitions of the following in your notes. Include formulas wherever possible.
 - Power function
 - Exponential function
 - Characteristics of the graph $y = b^x$
 - Exponential growth
 - Exponential Decay
 - Compound interest
- Do problems 1 through 9 on page 708, and be prepared to discuss your answers on Tuesday.