

Exponential Functions Outline
MI-2 Fall 1994

- I. State exponential functions to describe an exponential situation
 - A. Recursively (based on $(n-1)$ th case)
 - B. Explicitly (based on the number n)
 - C. Compound interest for annual and sub-annual compounding
 - D. Radioactive decay

- II. Graph exponential functions
 - A. Pattern as exponent increases
 - B. Asymptote: $y = 0$
 - C. Effects of changing sign of power, of exponent

- III. Solving exponential equations/inequalities by base standardization