Goals:
- I can evaluate logarithmic expressions.
- I can graph logarithmic functions.

Name: _____

Algebra II

Logarithms and Logarithmic Functions

KeyConcept Parent Function of Logarithmic Functions
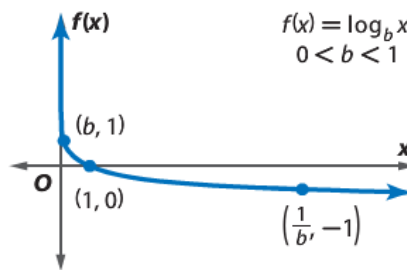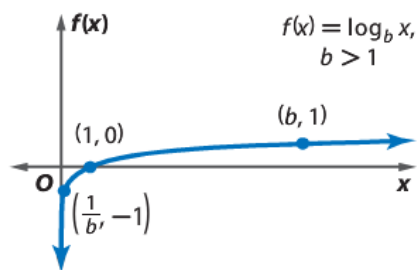
Parent function: $f(x) = \log_b x$

Domain: all positive real numbers

Asymptote: $f(x)$-axis

Type of graph: continuous, one-to-one

Range: all real numbers

Intercept: $(1, 0)$

To use the Calculator:

1) Clear your calculator

2) Press Y=

3) Math Button (This is below the blue and green buttons)

4) Scroll down to A: logBASE(and then press enter)

5) Type in the rest of your equation

6) When ready to graph press Enter, then press Graph on the top right.