

Chapter 4 Section Two

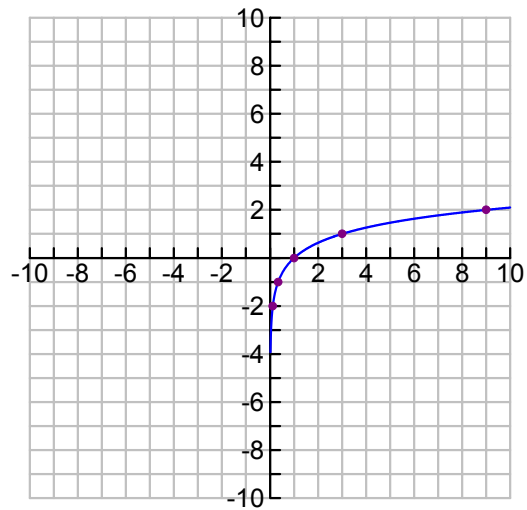
Logarithmic Functions

Study the definition of **logarithmic function** page 362.

Study objectives 1, 2,3, and 4.

Plot the graph of $\log_3 x$

x	y
0.11111	-2
0.33333	-1
1	0
3	1
9	2



Domain is positive real numbers. Range is all real numbers.

Plot the graph of $\log_{(1/3)} x$

Assignment is exercise 4.2 --Odd 1-61.