

Name:

Section 5.2 – Logarithms – Basics and Graphs

1. Convert into Logarithm Notation

$$f(x) = 4^{(x+2)} - 1$$

2. What are the Domain Restrictions on the following?

$$f(x) = \log_{(x-3)}(x + 5)$$

3. Graph the following logarithm. Identify Vertical Asymptote, Domain, Range, and at least twopoints.

$$y = -\log_3(x + 4)$$

