

Math 3 Advanced  
15.2 Graphing Logarithms

State the domain & range of a logarithmic function.

1.  $f(x) = \log 4x$

2.  $f(x) = \log 6x$

3.  $f(x) = \log(3x + 2)$

4.  $f(x) = \log(5x + 7)$

5.  $y = \log(x + 8)$

6.  $y = \log(x + 4)$

7.  $y = 3 + \log_2 x$

8.  $y = 1 - \log_3 x$

9.  $y = \log_4(x + 5)$

10.  $y = \log_5(x + 3)$