

## Day 2: Graphing Exponential Functions

Name: \_\_\_\_\_

## Practice Assignment

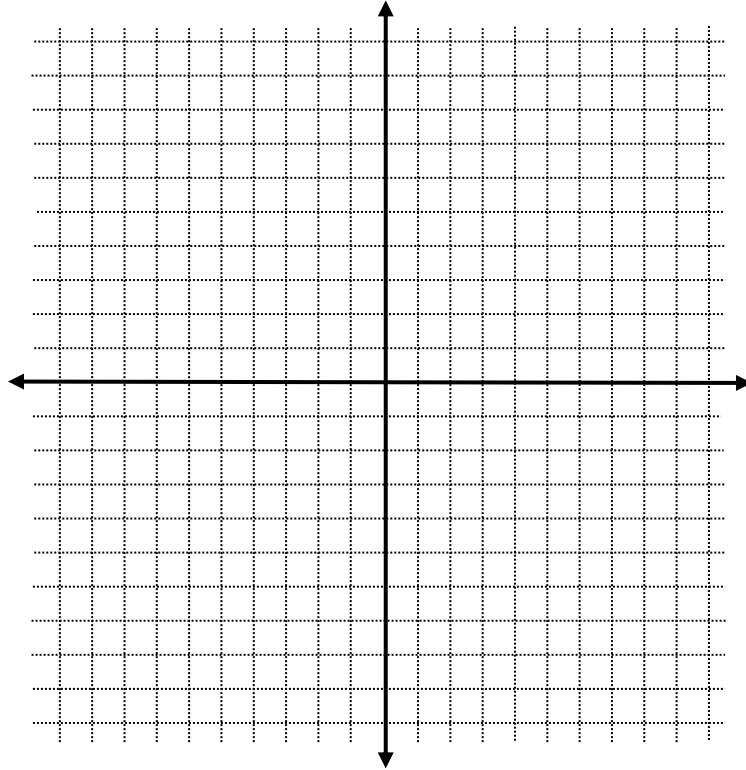
Graph the functions. Then state the y-intercept and asymptote.

1.  $f(x) = 3^x$

x	y

y-intercept:

asymptote:

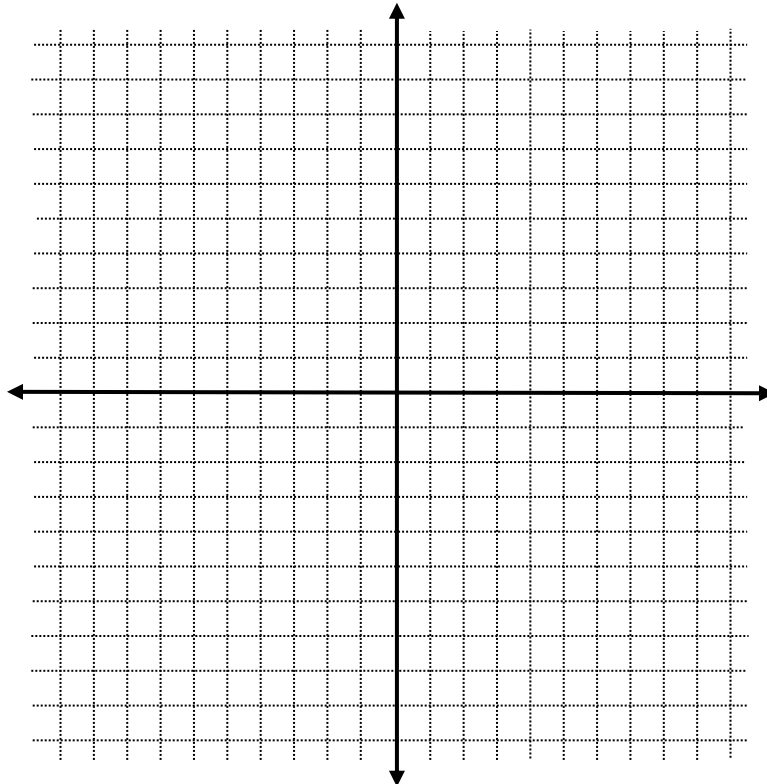


2.  $f(x) = 0.5^x$

x	y

y-intercept:

asymptote:

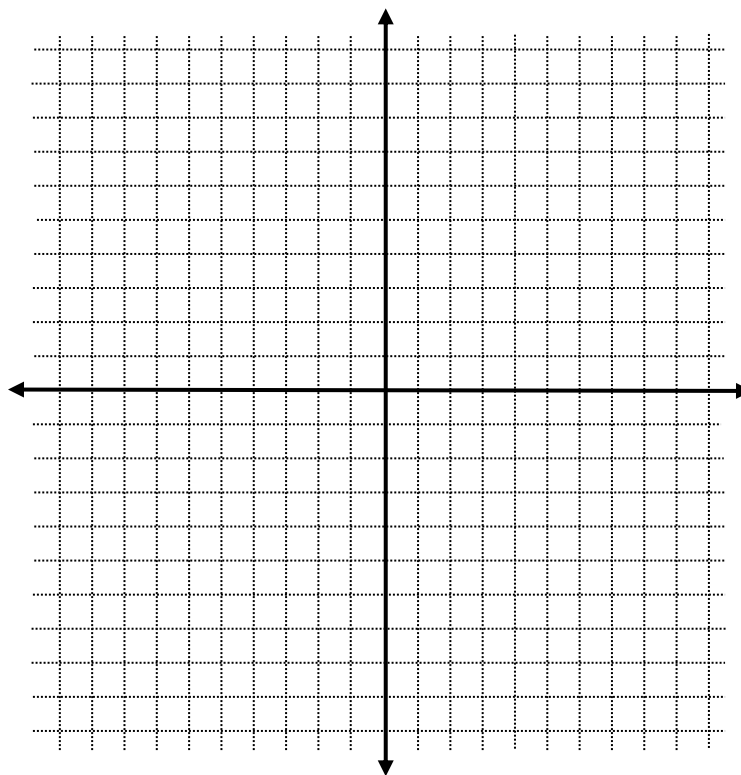


3.  $f(x) = \frac{1}{3}(3)^x$

x	y

y-intercept:

asymptote:



4.  $f(x) = 2\left(\frac{1}{4}\right)^x$

x	y

y-intercept:

asymptote:

