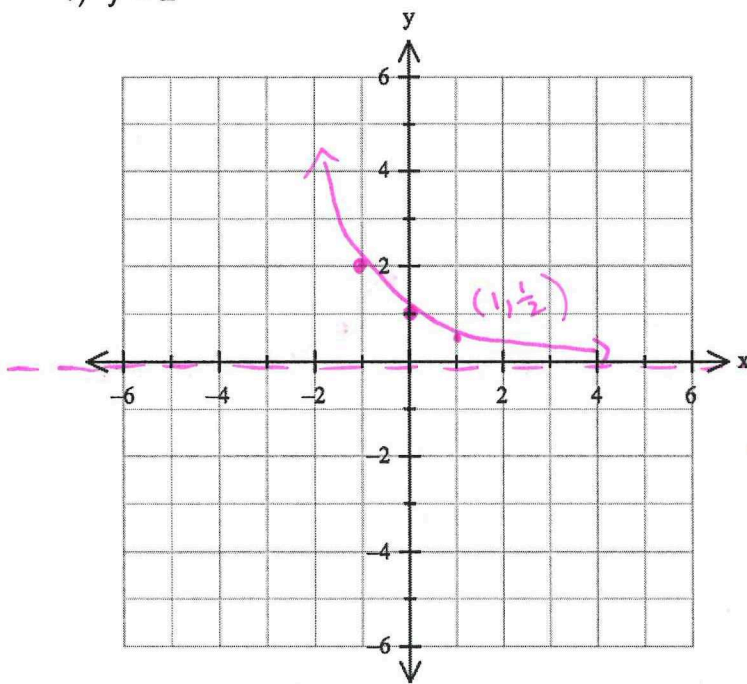


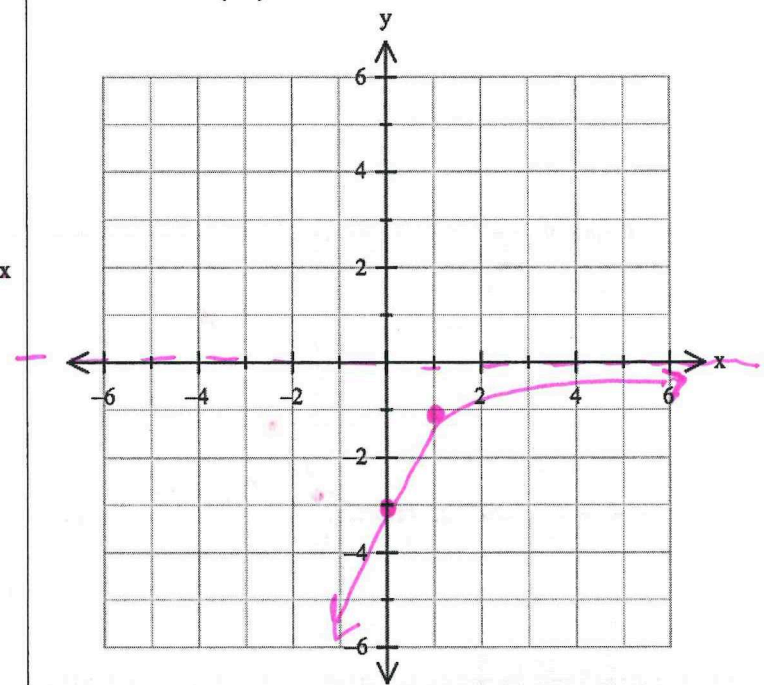
### Homework 7.1/7.2 Graphing Exponential Functions

Sketch each of the following functions.  
Clearly indicate the y-intercept and at least 1 other point

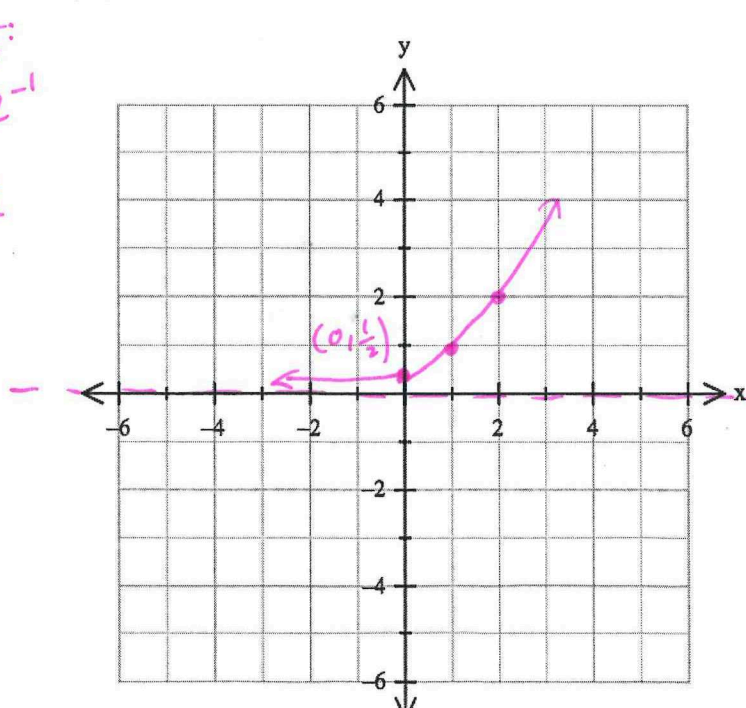
1)  $y = 2^{-x}$



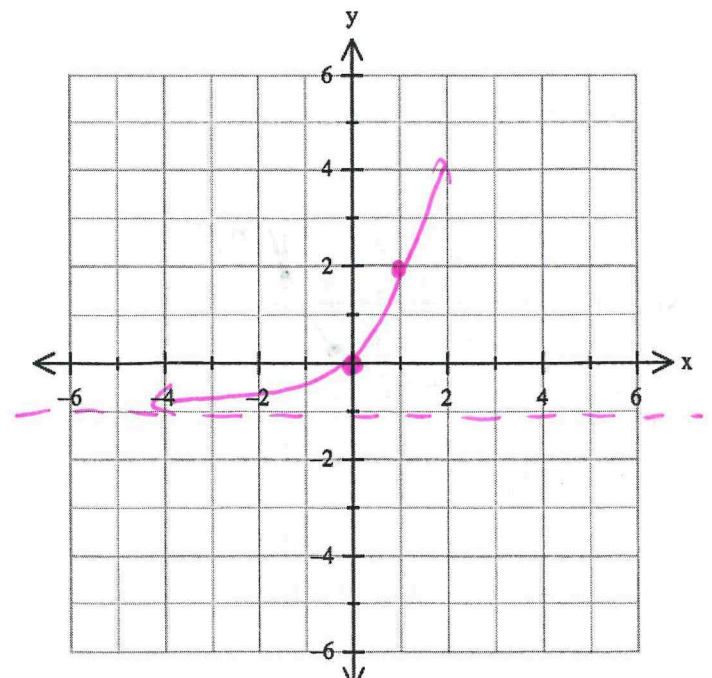
2)  $y = -\left(\frac{1}{3}\right)^{x-1}$



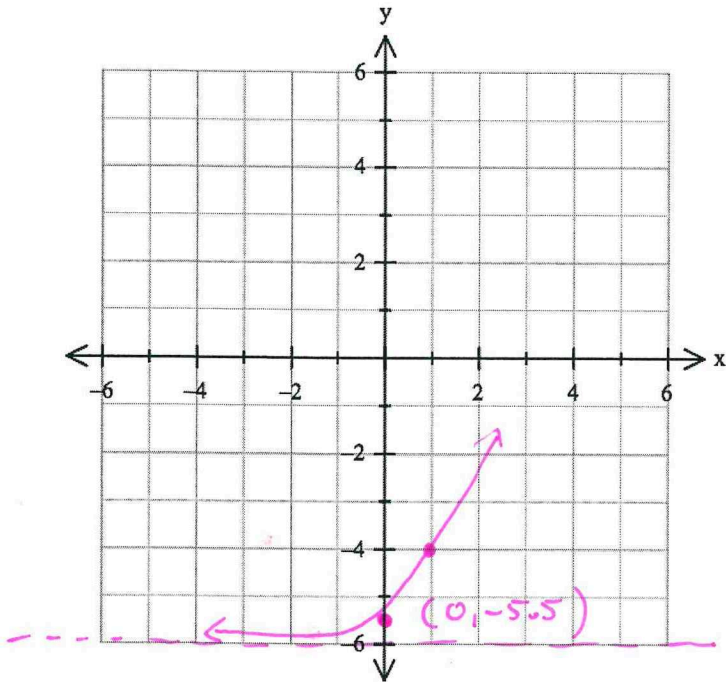
3)  $y = 2^{x-1}$



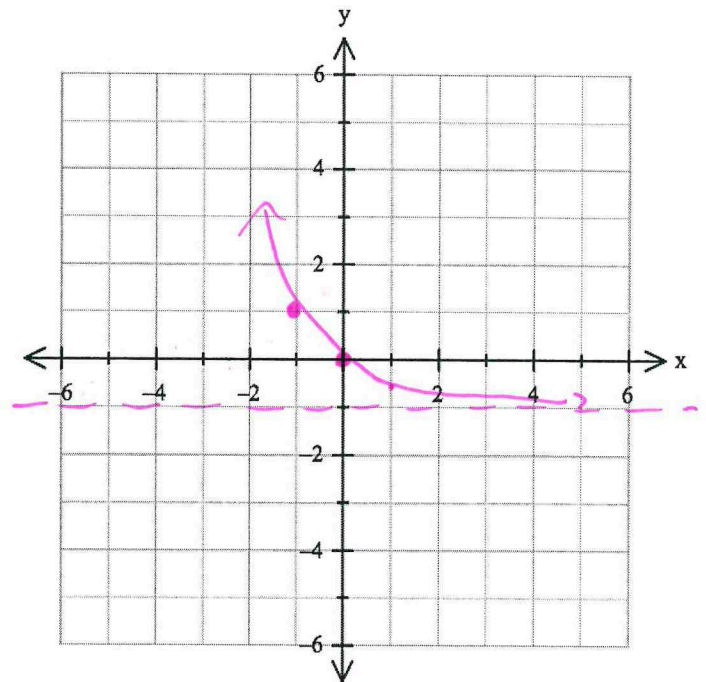
4)  $y = 3^x - 1$



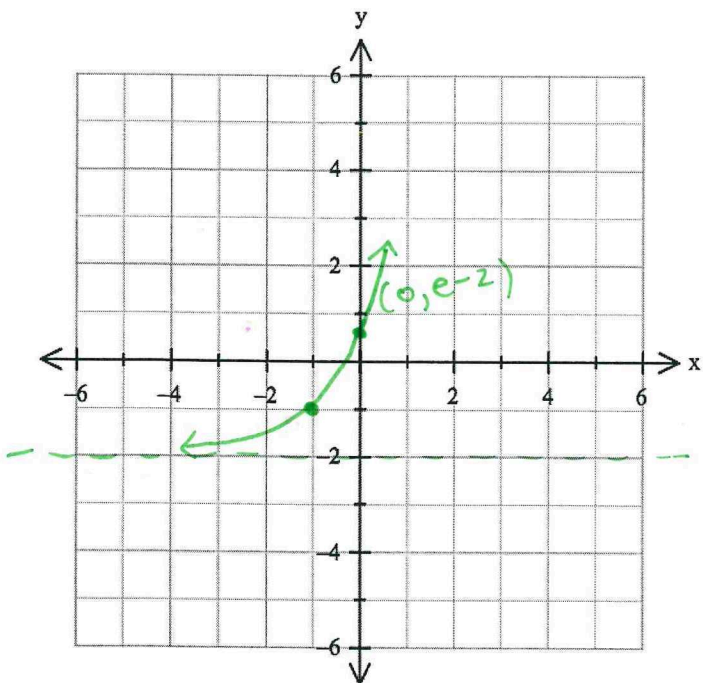
5)  $y = 0.5(4)^x - 6$



6)  $y = \left(\frac{1}{2}\right)^x - 1$



7)  $y = e^{x+1} - 2$



8)  $y = 2\left(\frac{1}{4}\right)^x$

