

## Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

**Make a table, state the asymptote. State the domain and range.**

1)  $y = 4^{x-1} - 2$

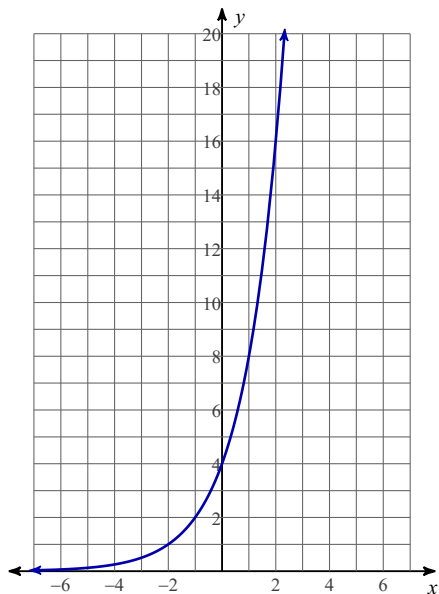
2)  $y = \left(\frac{1}{4}\right)^{x+1} - 2$

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

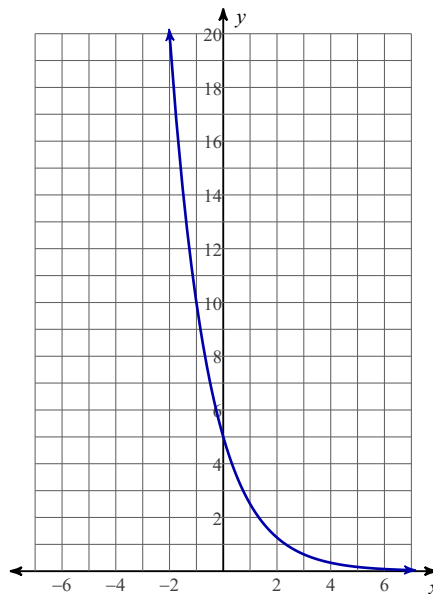
4)  $y = \left(\frac{1}{2}\right)^{x-2} - 1$

**Write an equation for each graph.(hint: make a table first)**

5)



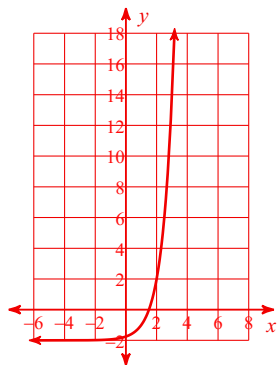
6)



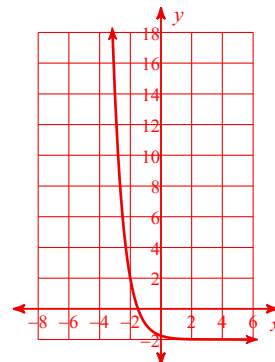
Assignment

Make a table, state the asymptote. State the domain and range.

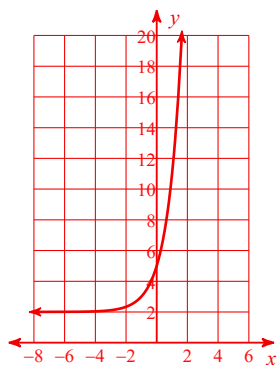
1)  $y = 4^{x-1} - 2$



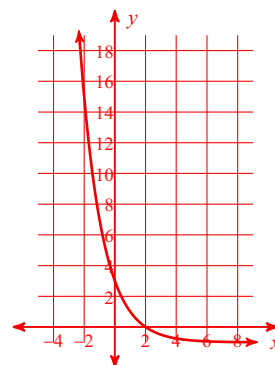
2)  $y = \left(\frac{1}{4}\right)^{x+1} - 2$



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

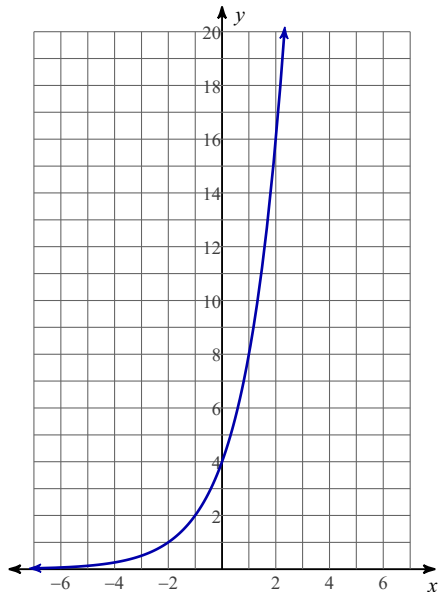


4)  $y = \left(\frac{1}{2}\right)^{x-2} - 1$



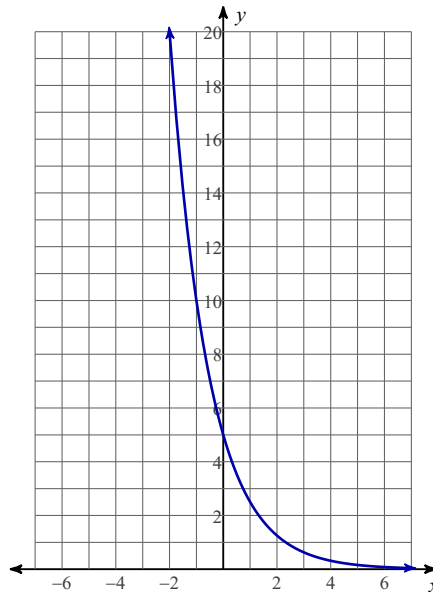
Write an equation for each graph.(hint: make a table first)

5)



$y = 4 \cdot 2^x$

6)



$y = 5 \cdot \left(\frac{1}{2}\right)^x$