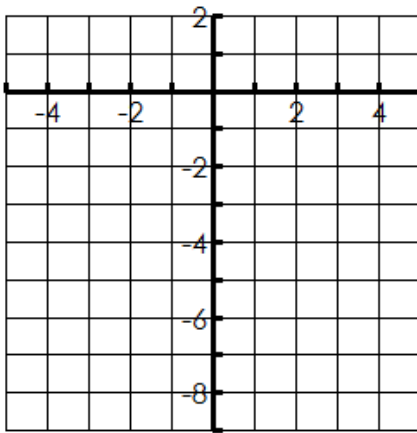


Name: \_\_\_\_\_

Date: \_\_\_\_\_

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



Transformations: \_\_\_\_\_

State 3 points on Graph \_\_\_\_\_

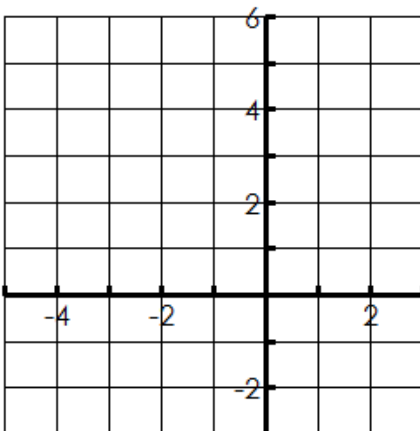
Domain \_\_\_\_\_ Range \_\_\_\_\_

Asymptote \_\_\_\_\_ Increasing or Decreasing

X-intercept \_\_\_\_\_ Y-intercept \_\_\_\_\_

End Behavior  $x \rightarrow \text{_____}, f(x) \rightarrow \text{_____}$   
 $x \rightarrow \text{_____}, f(x) \rightarrow \text{_____}$

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



Transformations: \_\_\_\_\_

State 3 points on Graph \_\_\_\_\_

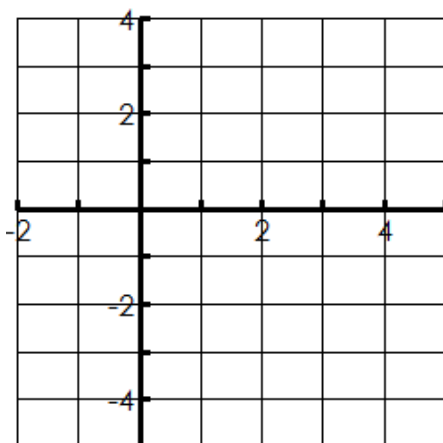
Domain \_\_\_\_\_ Range \_\_\_\_\_

Asymptote \_\_\_\_\_ Increasing or Decreasing

X-intercept \_\_\_\_\_ Y-intercept \_\_\_\_\_

End Behavior  $x \rightarrow \text{_____}, f(x) \rightarrow \text{_____}$   
 $x \rightarrow \text{_____}, f(x) \rightarrow \text{_____}$

3.  $y = -3^x + 2$



Transformations: \_\_\_\_\_

State 3 points on Graph \_\_\_\_\_

Domain \_\_\_\_\_ Range \_\_\_\_\_

Asymptote \_\_\_\_\_ Increasing or Decreasing

X-intercept \_\_\_\_\_ Y-intercept \_\_\_\_\_

End Behavior  $x \rightarrow \text{_____}, f(x) \rightarrow \text{_____}$   
 $x \rightarrow \text{_____}, f(x) \rightarrow \text{_____}$

