

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

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

Transformations:

Domain:

Range:

Asymptote:

X-Int:

Y-Int:

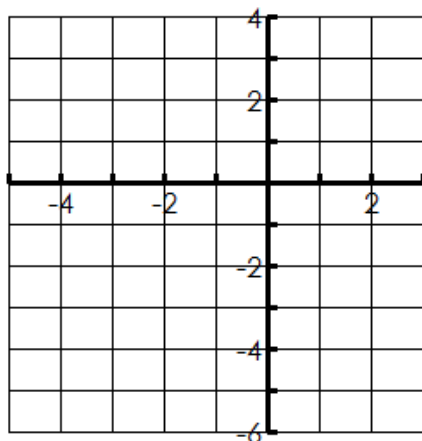
Increasing or Decreasing

End Behavior:

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

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

1.  $y = -5^x$



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

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

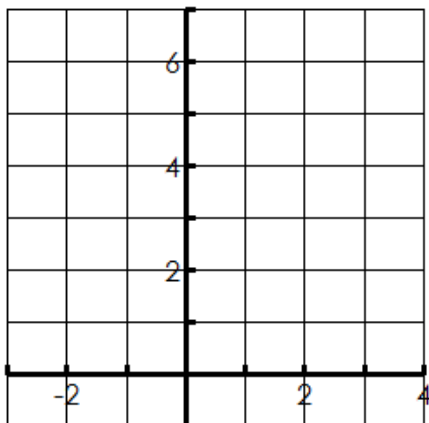
Domain \_\_\_\_\_ Range \_\_\_\_\_

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



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

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

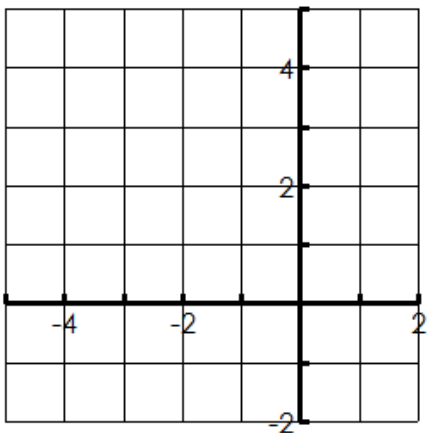
Domain \_\_\_\_\_ Range \_\_\_\_\_

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

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

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

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



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

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

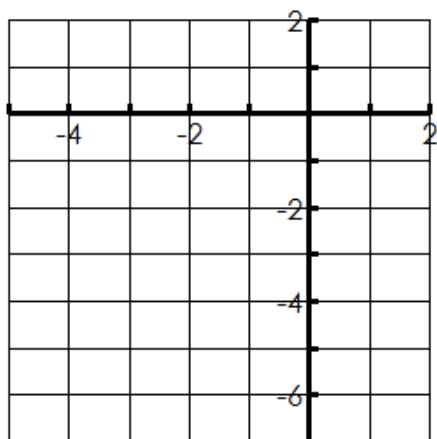
Domain \_\_\_\_\_ Range \_\_\_\_\_

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

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

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

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



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

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

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

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

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

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