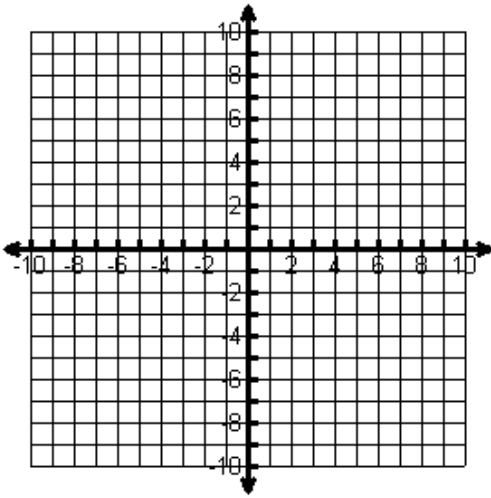


Name: \_\_\_\_\_

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

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



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

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

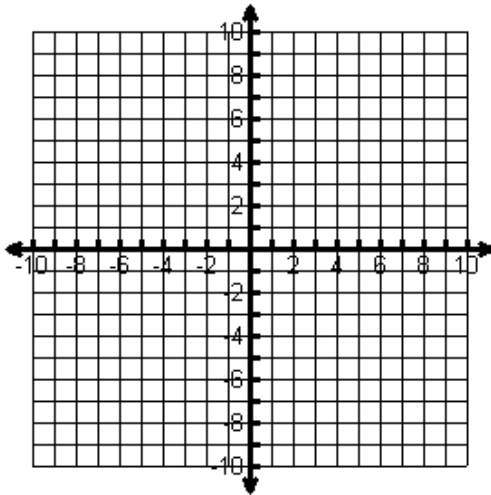
Domain \_\_\_\_\_ Range \_\_\_\_\_

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

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

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

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



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

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

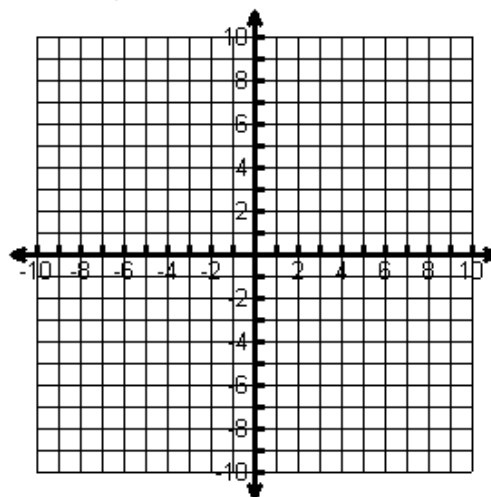
Domain \_\_\_\_\_ Range \_\_\_\_\_

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

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

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

3.  $y = e^{x-5} - 4$



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

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

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

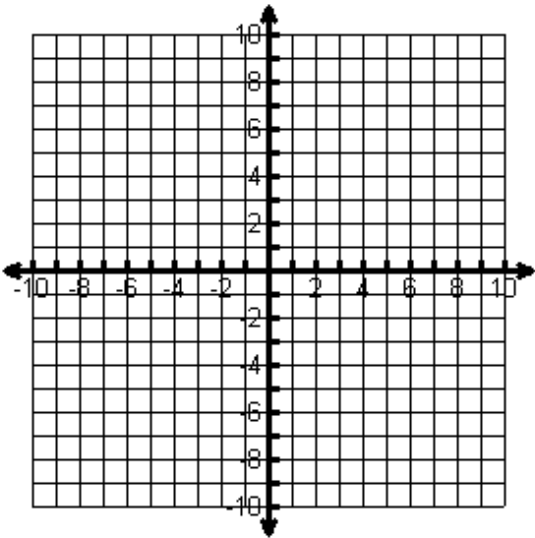
Asymptote \_\_\_\_\_ Increasing or Decreasing

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

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

4.  $y = \ln(-x) + 3$

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



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

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

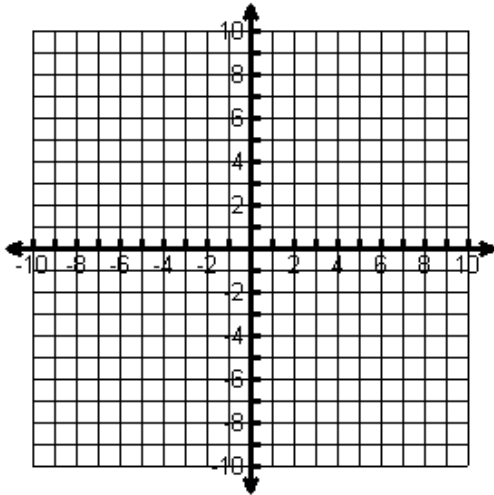
Asymptote \_\_\_\_\_ Increasing or Decreasing

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

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

5.  $y = -\ln(x - 4) - 1$

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



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

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

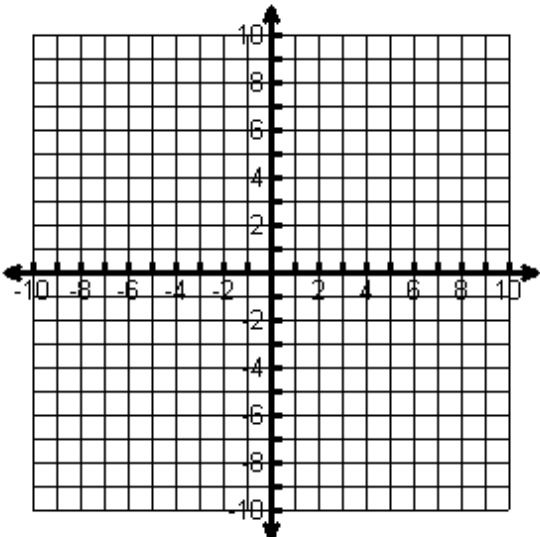
Asymptote \_\_\_\_\_ Increasing or Decreasing

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

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

6.  $y = \ln(x + 4)$

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



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

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

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

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

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