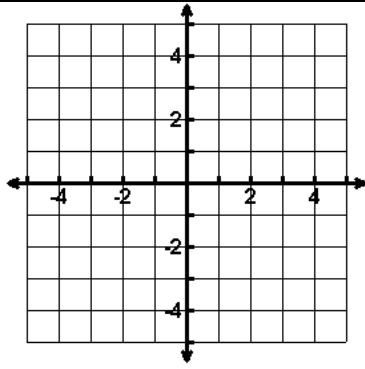


1. $y = \log_5(x-1)$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

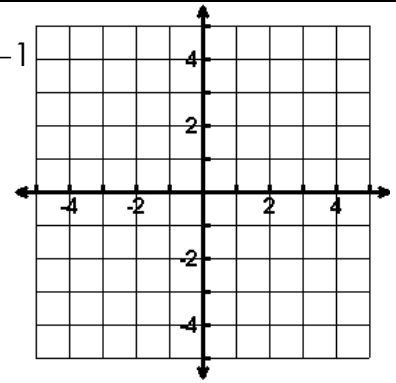
Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

 End Behavior $x \rightarrow ____, f(x) \rightarrow ____$
 $x \rightarrow ____, f(x) \rightarrow ____$

2. $y = \log_3(x+2) - 1$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

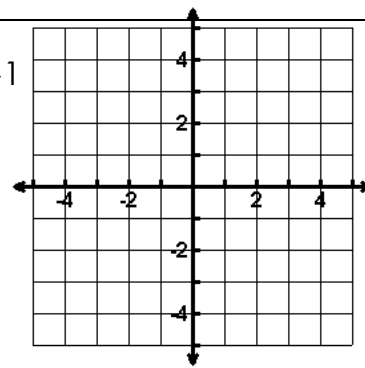
Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

 End Behavior $x \rightarrow ____, f(x) \rightarrow ____$
 $x \rightarrow ____, f(x) \rightarrow ____$

3. $y = -\log_3(x-1) - 1$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

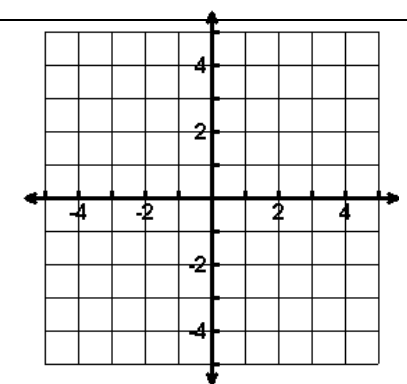
Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

 End Behavior $x \rightarrow ____, f(x) \rightarrow ____$
 $x \rightarrow ____, f(x) \rightarrow ____$

4. $y = \log_3(-x)$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

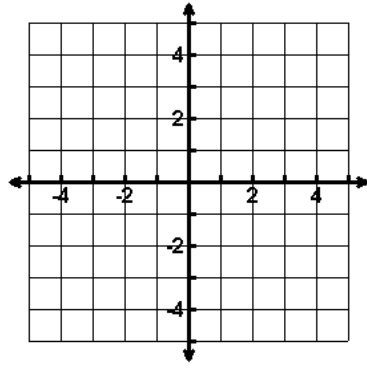
Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

 End Behavior $x \rightarrow ____, f(x) \rightarrow ____$
 $x \rightarrow ____, f(x) \rightarrow ____$

5. $y = -e^x + 2$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

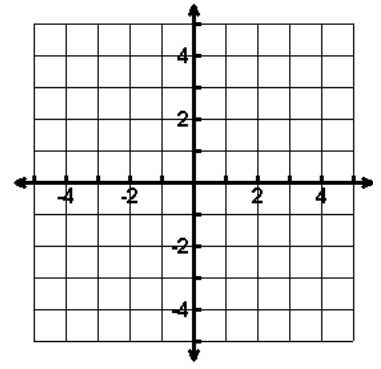
Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

End Behavior $x \rightarrow ___, f(x) \rightarrow ___$
 $x \rightarrow ___, f(x) \rightarrow ___$

6. $y = e^{x+2}$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

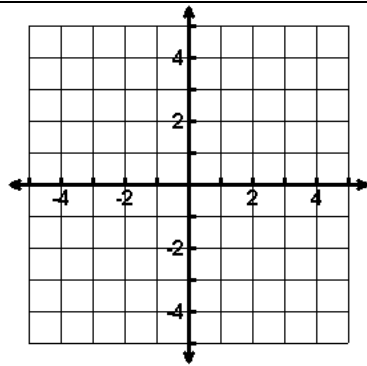
Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

End Behavior $x \rightarrow ___, f(x) \rightarrow ___$
 $x \rightarrow ___, f(x) \rightarrow ___$

7. $y = \ln(x) + 3$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

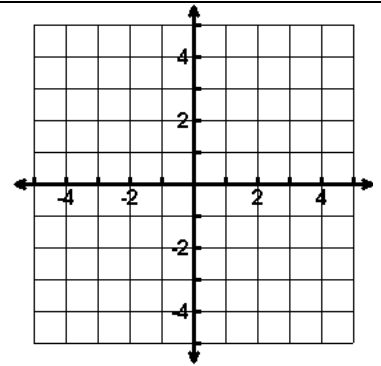
Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

End Behavior $x \rightarrow ___, f(x) \rightarrow ___$
 $x \rightarrow ___, f(x) \rightarrow ___$

8. $y = \ln(2x + 1)$



Transformations _____

State 3 points on Graph _____

Domain _____ Range _____

Asymptote _____

X-intercept _____ Y-intercept _____

Increasing or Decreasing

End Behavior $x \rightarrow ___, f(x) \rightarrow ___$
 $x \rightarrow ___, f(x) \rightarrow ___$