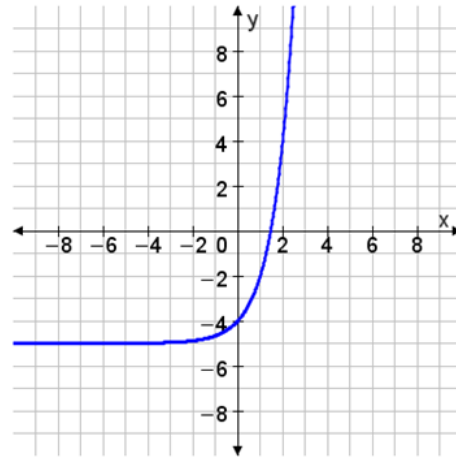


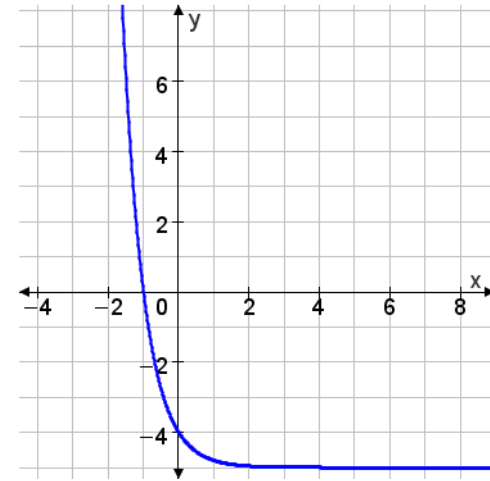
Name: _____ Date: _____

Exponential graphing!

- 1) Domain: _____
- Range: _____
- X-intercept: _____
- Y-intercept: _____
- Increasing or Decreasing
- Growth or Decay
- Asymptote: _____
- End Behavior
- As $x \rightarrow -\infty$, $y \rightarrow$ _____
- As $x \rightarrow \infty$, $y \rightarrow$ _____



- 2) Domain: _____
- Range: _____
- Zero: _____
- y-intercept: _____
- Increasing or Decreasing
- Growth or Decay
- Asymptote: _____
- End Behavior
- As $x \rightarrow -\infty$, $y \rightarrow$ _____
- As $x \rightarrow \infty$, $y \rightarrow$ _____



One more problem on the back!

3)

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

Growth or Decay? _____

Domain: _____

Range: _____

Zeros: _____

y-intercept: _____

Increasing or Decreasing? _____

Asymptote: _____

End Behavior: **as** $x \rightarrow -\infty$, $y \rightarrow$ _____

as $x \rightarrow \infty$, $y \rightarrow$ _____

x	y
-1	
0	
1	
2	
3	

