**Day 4B Classwork Name \_\_\_\_\_\_\_\_**

**Example 1.** Given  

1. Graph ; give the domain, range, *x* and *y* intercepts, and asymptote.
2. Find 
3. Graph ; give the domain, range and asymptote.



**Example 2.** Graph. Give the domain, range, *x* and *y* intercepts, and asymptote.



**Graph each function. Give the domain, range, x- and y-intercepts and asymptote.**

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

 

For 3 and 4: Graph the function; give the domain, range, intercepts and asymptote of each.

3. $f\left(x\right)=log\_{3}\left(x+3\right)+1$ 4. $f\left(x\right)=log\_{4}\left(x+3\right)-4$.

