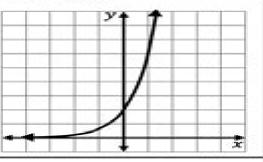
EXPONENTIAL FUNCTIONS practice 2 Pirections: Answer each question. Assume the graph is counting by one's unless otherwise indicated.

Use the graph to find the characteristics of the function.

$$f(x) = 2(3)^x$$

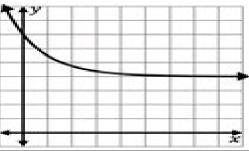
- growth or decay?
- asymptote at _____
- domain:
- range:
- y-intercept:



2. Use the graph to find the characteristics of the function.

$$f(x) = 3\left(\frac{1}{2}\right)^x + 4$$

- growth or decay?
- asymptote at _____
- domain:
- range:
- y-intercept:

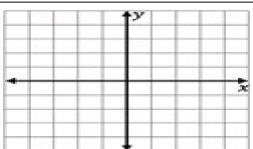


3. Use the x-y table to graph the function. Then find the characteristics below.

$$f(x) = 4^{x-1} - 3$$

- growth or decay?
- asymptote at _____
- domain:
- nange:
- y-intercept:

x	f(x)
-2	
-1	
0	
1	
2	
3	

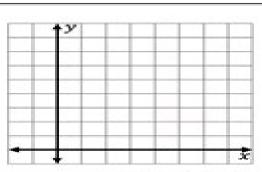


4. Use the x-y table to graph the function. Then find the characteristics below.

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

- growth or decay?
- asymptote at _____
- domain:
- ronge:
- y-intercept:

x	f(x)
-2	
-1	
0	
1	
2	
3	



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H Kauffman

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