

Exponential Functions Homework Day 2

Tell whether each set of ordered pairs satisfies an exponential function.

EXPLAIN YOUR ANSWER.

1. $\{(2, 4), (4, 8), (6, 16), (8, 32)\}$ _____

2. $\{(-2, 5), (-1, 10), (0, 15), (1, 20)\}$ _____

3. $\{(1, 750), (2, 150), (3, 30), (4, 6)\}$ _____

4. $\left\{-5, \frac{10}{3}, (0, 1), (5, 3), (10, 9)\right\}$ _____

Graph each exponential function.

75. $y = 5(2)^x$

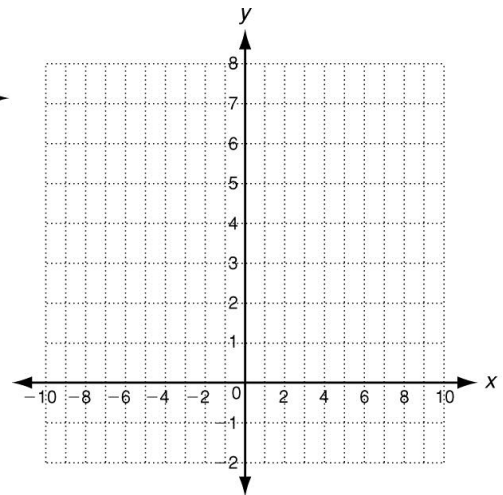
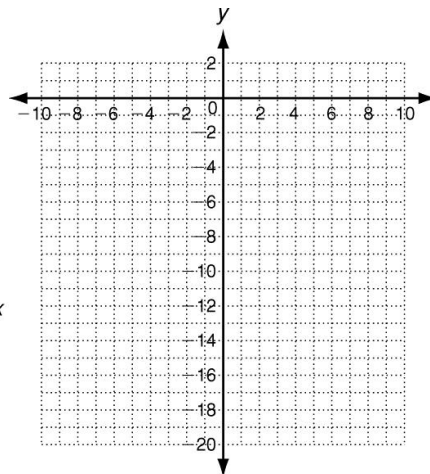
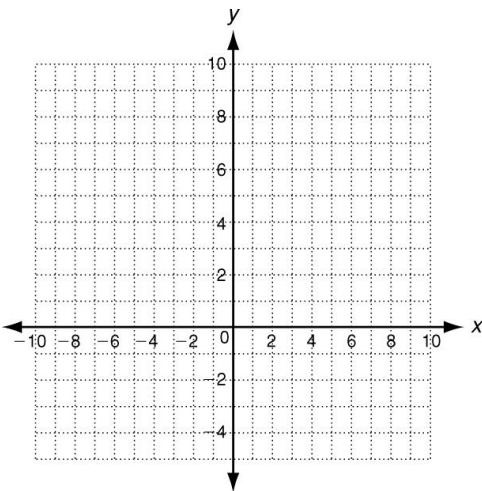
x	y
-2	
-1	
0	
1	
2	

6. $y = -2(3)^x$

x	y
-2	
-1	
0	
1	
2	

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

x	y
-2	
-1	
0	
1	
2	



Asymptote:

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