Additional Examples of Exponential Functions   NAME:

1. Complete the table and then use it to find the equation of the exponential function that shows the relationship between x and y.

x	y	Rewrite y
0	7	$= 7*2^0$
1	14	$= 7*2^1$
2	28	$= 7*2^2$
3	56	
4	112	
5	224	

2. Complete the table and then use it to find the equation of the exponential function that shows the relationship between x and y.

x	y	Rewrite y
0	3	
1	9	
2	27	
3	81	
4	243	
5	729	

3. Complete the table and then use it to find the equation of the exponential function that shows the relationship between x and y.

x	y	Rewrite y
0	100	
1	50	
2	25	
3	12.5	
4	6.25	
5	3.125	