

Review

Name: Key

Linear and Exponential Functions | 4.7

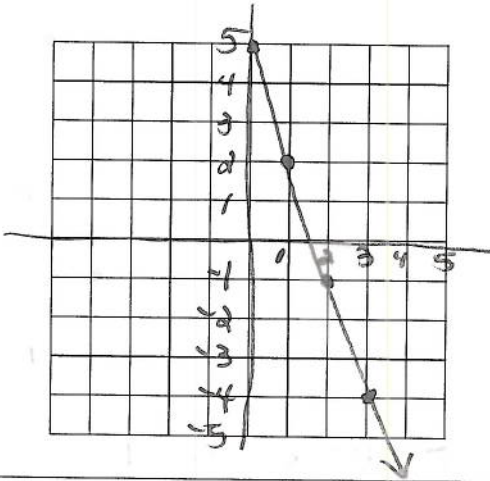
Set

Topic: Graphing linear and exponential functions

Make a graph of the function based on the following information. Add your axes. Choose an appropriate scale and label your graph. Then write the equation of the function.

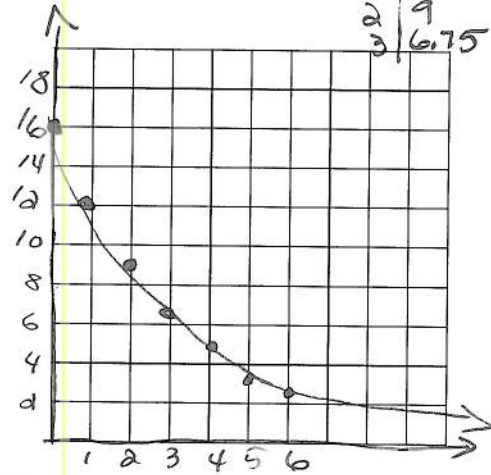
10. The beginning value of the function is 5 and its value is 3 units smaller at each stage.

Equation:



11. The beginning value is 16 and its value is $\frac{1}{4}$ smaller at each stage.

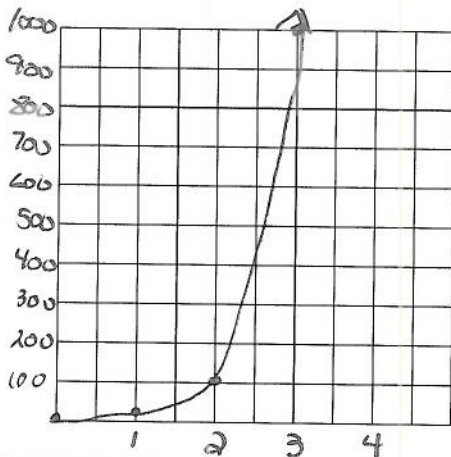
Equation:



*still have 34
so multiply each by .75

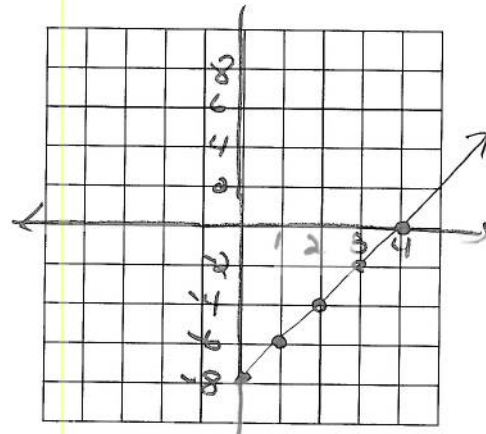
12. The beginning value is 1 and its value is 10 times as big at each stage.

Equation:



13. The beginning value is -8 and its value is 2 units larger at each stage.

Equation:



x	y
0	1
1	10
2	100
3	1000