

x	y
2	-6
3	-10
4	-14
5	-18
6	-22
7	-26

$$m = \frac{\Delta y}{\Delta x} = \frac{-4}{1} = -4$$

$$b = 2$$

$$y = -4x + b$$

$$-6 = -4(2) + b$$

$$\begin{array}{r} -6 = -8 + b \\ +8 \quad +8 \\ \hline 2 = b \end{array}$$

X	Y
-5	18
-4	12
-3 h	k 10
-2	12
-1	18
0 \star	28 \star

$$28 = a(0+3)^2 + 10$$

$$28 = a(3)^2 + 10$$

$$28 = 9a + 10$$

$$-10 \quad -10$$

$$18 = 9a$$

$$2 = a$$

$$y = 2(x+3)^2 + 10$$



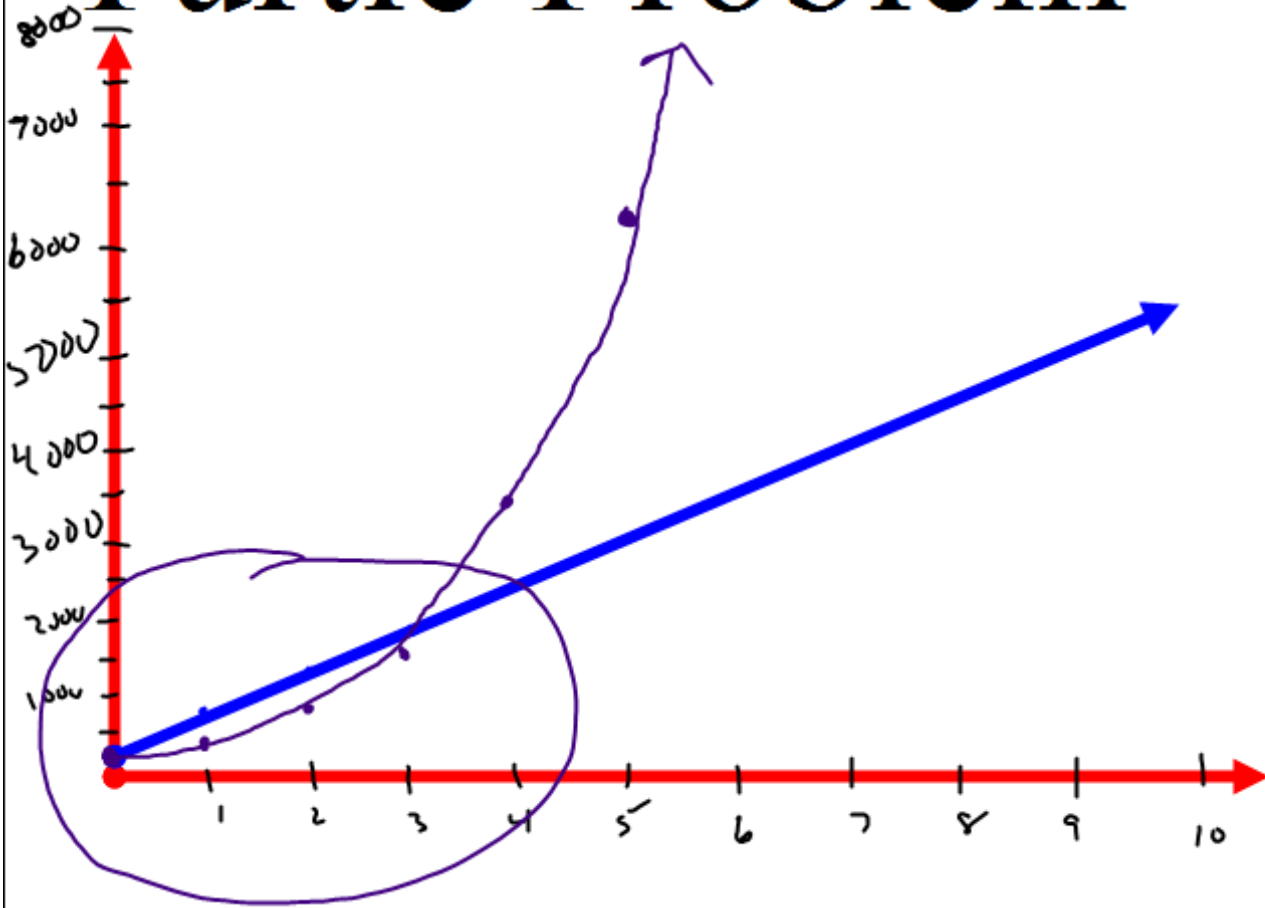
x	y
-2	5/9
-1	5/3
0	5
1	15
2	45
3	135

y-int
5

multiplication
3

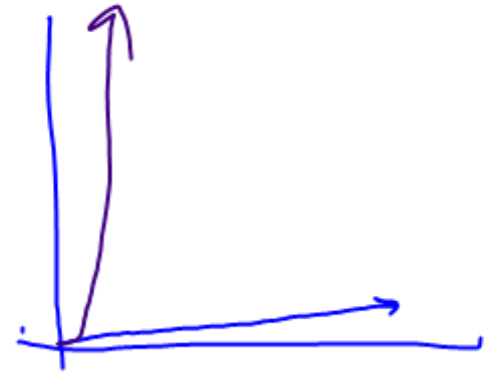
$$y = 5(3)^x$$

Turtle Problem



Veterans

Northside



Linear, Exponential or Neither?