

**\* Homework \***

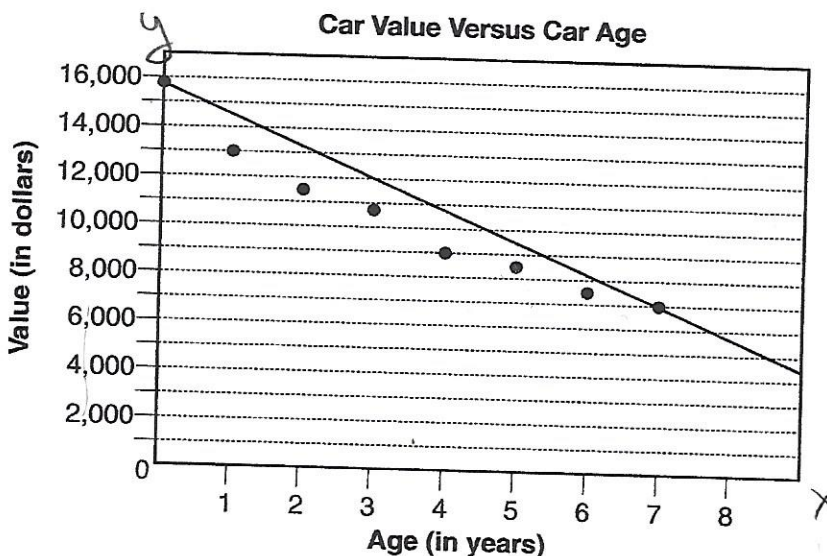
Directions: Use the following information to answer questions 1 and 2

The following table shows the value of Samantha's car for each of the last seven years that she has owned it.

**Car Value Versus Car Age**

Age (in years)	0	1	2	3	4	5	6	7
Value (in dollars)	15,800	13,000	11,500	10,800	9,000	8,500	7,500	7,000

Samantha graphed the data from her table in a scatter plot and then drew a trend line on it.



\*  
no axis  
B/c no neg  
age or \$

1) Does Samantha's trend line model the data set well?

No, it does not model the data set well

2) Explain why the trend line does or does not model the data set well.

Too many of the data points are below  
Samantha's trend line there should be as many  
data points above her line than below it  
(line should be in the middle of the dots)