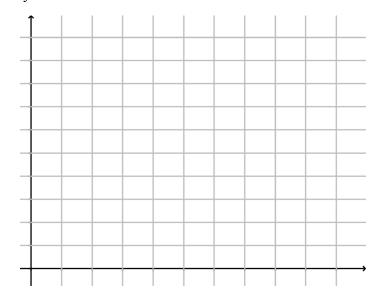
3. The table below shows the relationship between the month of the year and the amount of rainfall in Algarve, Portugal, from the years 1970 – 1995.

Month Number	Average Rainfall (mm)
1	69.9
2	58.0
3	32.7
4	42.1
5	21.0
6	8.1
7	1.0
8	2.0
9	12.1
10	59.6
11	79.3
12	96.3



a. Does the scatter plot look to be linear to you? Explain.

b. Explain the relationship between the month number as the average rainfall by circling one of the following. As the month number increases, the average rainfall: <u>increases / decreases / has no linear relationship.</u>

c. Based on your plotted points, can you predict the approximate month of the year if there was 30.8 mm of rain? Why or why not?