

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: increases / decreases / has no linear relationship.
- 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?