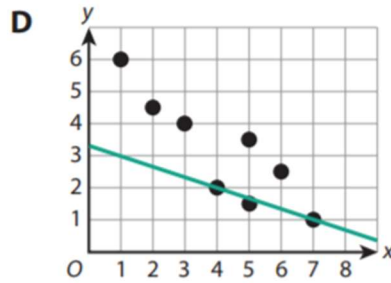
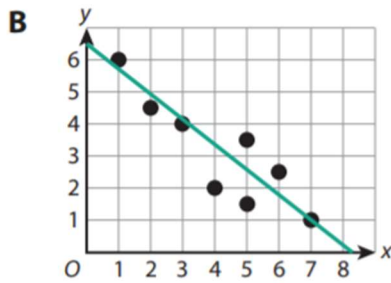
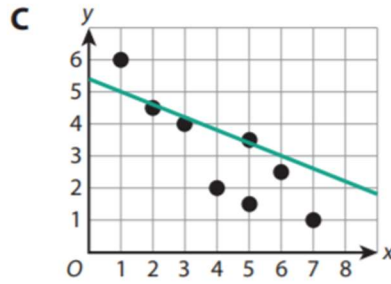
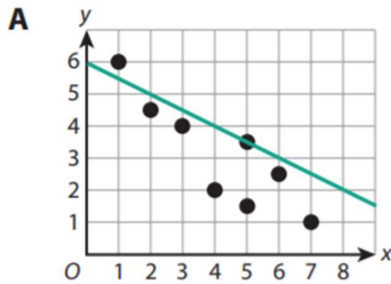


HOMWORK DAY 2 SCATTER PLOTS

1 Which line is the best fit for the data?



How do you draw a trend line?



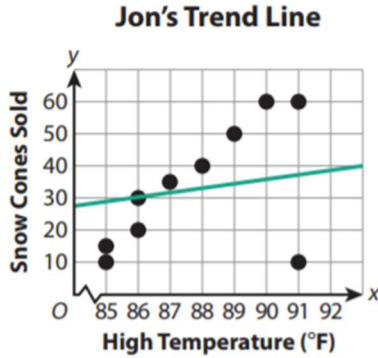
2 Tell whether each statement is *True* or *False*.

- a. Data points that lie above the trend line should be about the same distance as data points below the line. True False
- b. A line of best fit must go through at least one data point. True False
- c. A trend line is a good fit for the data if all of the data points are fairly close to it. True False
- d. A trend line must go through the origin. True False

Remember that trend lines show the average values of all of the data.



- 3 The scatter plot compares ten daily high temperatures and the number of snow cones sold. Jon drew the following trend line to represent the data.



When drawing a trend line, be careful not to let an outlier pull the trend line in its direction.



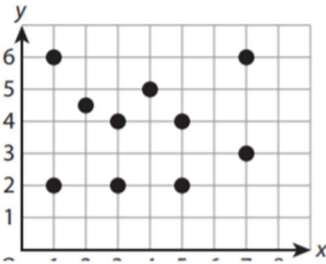
Mary thinks there is a better trend line. What might she be thinking?

- 4 Draw a trend line for each of the following scatterplots. If the data has no association, write *no association*.

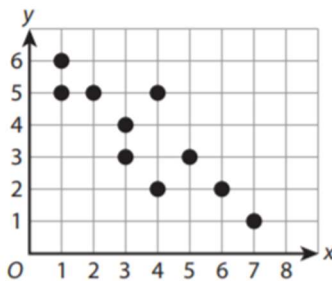
Look for a trend in each of the scatter plots.



Scatter Plot E



Scatter Plot F



Scatter Plot G

