

Sunfun Accessories, LLC has been tracking the sales in their store over the past year. They are determining how much temperature influences the sale of their product. The data is in the table below.

Temperature F	Sales
20	\$200
40	\$250
60	\$500
80	\$600
90	\$650

a) Create a scatterplot + plot the data. (Label and title your scatterplot)



b) What type of correlation is represented by the data? Explain why you think that?

c) Draw a line of fit through the data. Create an equation for the line of fit.

d) Based on the data, what months do you feel will provide the largest amount of sales? Why did you choose these?