Understanding Data

Mr. Snokes want to open a pizza shack. It will cost him five dollars to make a pepperoni pizza. He dose not want to charge too less or too much, so he asked sixty random people how much would they pay for a pizza. the results of his survey are in the chart below.

Dollar $ amount customers will pay

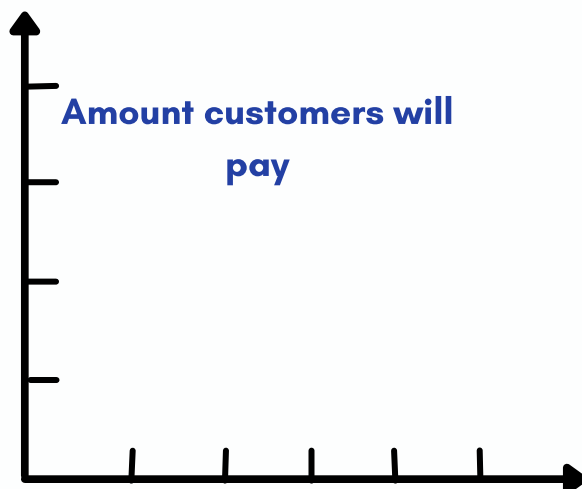|											
7	11	9	10	14	9	14	15	13	10	9	13
10	8	12	15	13	13	6	10	8	11	10	8
12	15	10	11	8	10	9	12	9	10	14	12
14	11	12	10	15	11	12	10	7	15	11	10
10	9	8	12	9	8	13	11	10	9	8	12

Organize the data in the frequency chart below. Starting with $6.00 use intervals of two to group the data.

Amount willing to pay ($)

Dollars	Tally	Frequency
	Total: 60 People	

Fill in the histogram below to better understand the data. Make sure you label the x-axis and y-axis.

Amount customers will pay

Use the table and graph to answer the questions.

A. Should Mr. Snokes open shack ? Why ?

B. How much should he charge for a pepperoni pizza ? Why ?