

Name Key

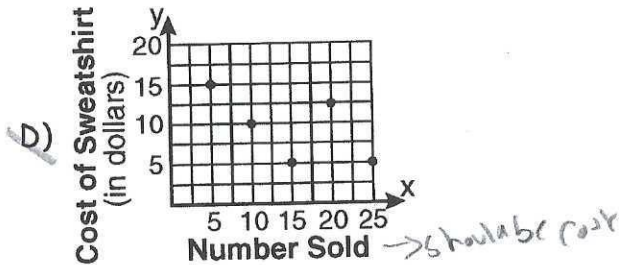
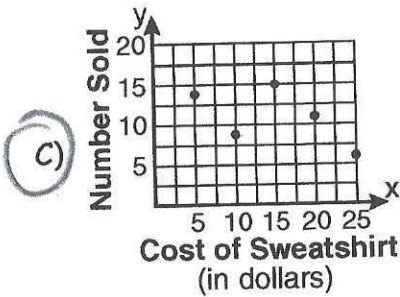
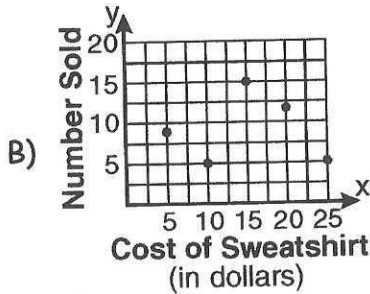
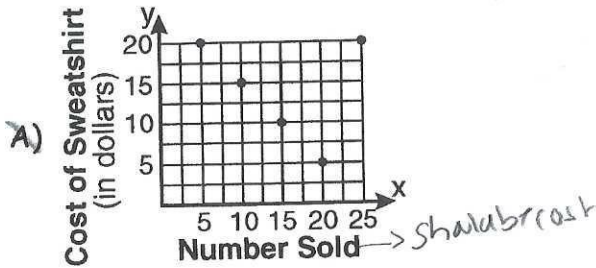
Do Now

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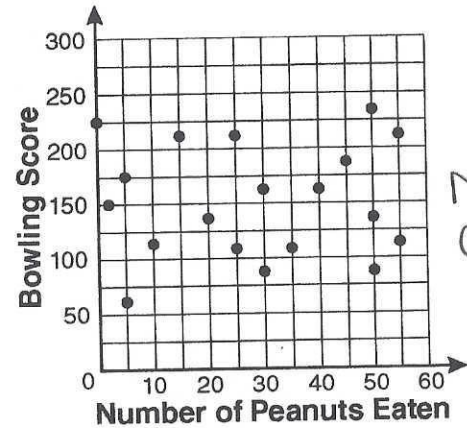
1) The school store did a study comparing the cost of a sweatshirt with the number of sweatshirts sold. The price was changed several times and the numbers of sweatshirts sold were recorded. The data are shown in the table below.

Cost of Sweatshirt	\$10	\$25	\$15	\$20	\$5
Number Sold	9	6	15	11	14

Which scatter plot represents this data?



2) The scatter plot below represents the relationship between the number of peanuts a student eats and the student's bowling score.



*NO Correlational relationship*

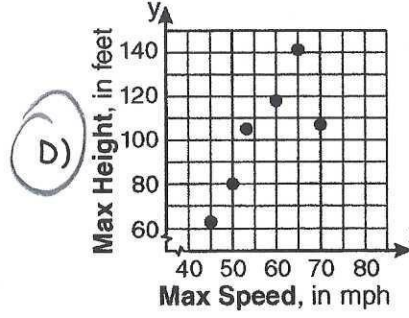
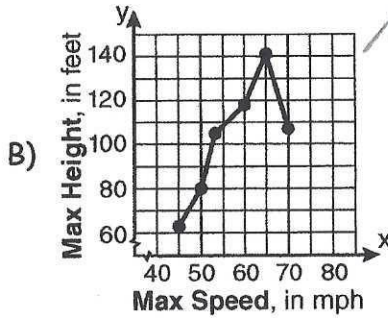
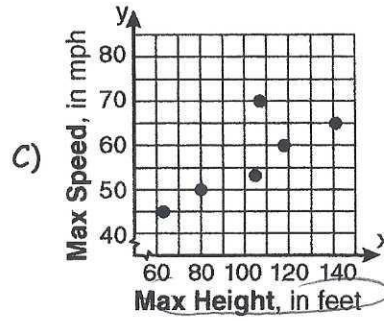
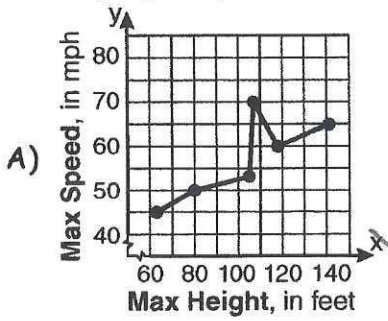
Which conclusion about the scatter plot is valid?

- A) There is almost no relationship between eating peanuts and bowling score.
- B) Students who eat more peanuts have lower bowling scores.
- C) No bowlers eat peanuts.
- D) Students who eat more peanuts have higher bowling scores.

3) The maximum height and speed of various roller coasters in North America are shown in the table below.

Maximum Speed, in mph, (x)	45	50	54	60	65	70
Maximum Height, in feet, (y)	63	80	105	118	141	107

Which graph represents a correct scatter plot of the data?



*DON'T CONNECT DOTS in a scatter plot*

*should be Speed*