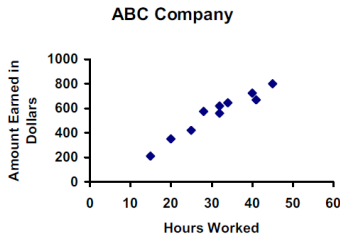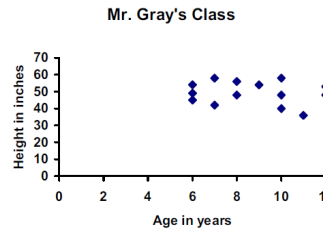Student Practice: Match the following graphs to their correlations.

1) The scatter plot below shows a relationship between hours worked and money earned. Which best describes the relationship between the variables?
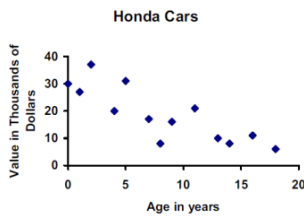
ABC Company

A) Strong positive correlation

B) Weak positive correlation

C) Strong negative correlation

D) Weak negative correlation

2) This scatter plot shows a relationship between age and height. Which best describes the relationship between the variables?
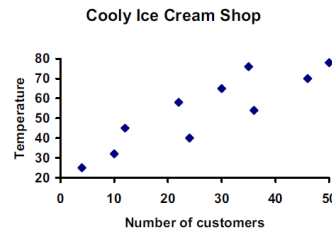
Mr. Gray's Class

A) Strong positive correlation

B) Weak positive correlation

C) Strong negative correlation

D) No correlation

3) This scatter plot shows the relationship between the age of a car and its value. Which best describes the relationship between the variables?
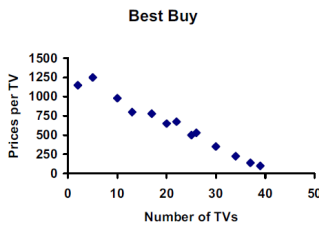
Honda Cars

A) Strong positive correlation

B) Weak negative correlation

C) Strong negative correlation

D) No correlation

4) This scatter plot shows a relationship between the outdoor temperature and number of customers in an ice cream store. Which best describes the relationship between the variables?
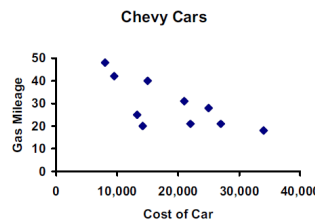
Cooly Ice Cream Shop

A) Strong positive correlation

B) Weak positive correlation

C) Weak negative correlation

D) No correlation

5) This scatter plot shows a relationship between the TVs purchased and prices. Which best describes the relationship between the variables?

Best Buy

A) Strong positive correlation

B) Weak positive correlation

C) Strong negative correlation

D) Weak negative correlation

6) This scatter plot shows a relationship between the cost of Chevy cars and their gas mileage. Which best describes the relationship between the variables?

Chevy Cars

A) Strong positive correlation

B) Weak positive correlation

C) Weak negative correlation

D) No correlation

7) come up with your own example of a positive linear correlation.

8) come up with your own example of a negative linear correlation.