Name: _____

Positive Negative or No Association

Decide what kind of association each pair of quantities would show.

1. Would a scatter plot of miles driven and gas left in the tank show a positive, negative or no association?

Answer: _____

2. Would a scatter plot of height and arm span show a positive, negative or no association?

Answer: _____

3. Would a scatter plot of age of a car and its value show a positive, negative or no association?

Answer: _____

4. Would a scatter plot of minutes of exercise and calories burned show a positive, negative or no association?

Answer: _____

5. Would a scatter plot of shoe size and score on a math test show a positive, negative or no association?

Answer: _____

6. Would a scatter plot of number of absences and test grade show a positive, negative or no association?

Answer: _____

7. Would a scatter plot of hours of practice and number of goals scored show a positive, negative or no association?

Answer: _____

8. Would a scatter plot of hours studied and quiz score show a positive, negative or no association?

Answer: _____

9. Would a scatter plot of birth month and height show a positive, negative or no association?

Answer: _____

10. Would a scatter plot of outside temperature and hot cocoa sales show a positive, negative or no association?

Answer: _____

Name: **ANSWER KEY**

Positive Negative or No Association

Decide what kind of association each pair of quantities would show.

1. Would a scatter plot of miles driven and gas left in the tank show a positive, negative or no association?

Answer: negative

2. Would a scatter plot of height and arm span show a positive, negative or no association?

Answer: positive

3. Would a scatter plot of age of a car and its value show a positive, negative or no association?

Answer: negative

4. Would a scatter plot of minutes of exercise and calories burned show a positive, negative or no association?

Answer: positive

5. Would a scatter plot of shoe size and score on a math test show a positive, negative or no association?

Answer: no association

6. Would a scatter plot of number of absences and test grade show a positive, negative or no association?

Answer: negative

7. Would a scatter plot of hours of practice and number of goals scored show a positive, negative or no association?

Answer: positive

8. Would a scatter plot of hours studied and quiz score show a positive, negative or no association?

Answer: positive

9. Would a scatter plot of birth month and height show a positive, negative or no association?

Answer: no association

10. Would a scatter plot of outside temperature and hot cocoa sales show a positive, negative or no association?

Answer: negative