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**Course 3** • Data Analysis and Statistics

*For more examples, go to* www.connected.mcgraw-hill.com*.*

NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

30 60 90 120 150

**Growth Time (days)**

**Pumpkin Weight**

**(pounds)**

**Car Value**

**(% cost new)**

**Average Game Attendance**

**Games Won**

**Homework Practice**

***Scatter Plots***

***x***

***y***

***x***

***y***

***x***

***y***

4.1

3.9

5.4

6.9

8.7

8.1

9.7

11.2

10.7

12.6

**Water Speed (km/h)**

45

42

40

38

32

30

28

20

18

15

**River Width (m)**

35

28

30

21

14

**Number of Cars**

5

4

3

2

1

**Years Since 2004**

**5.** **DONATIONS** Construct a scatter plot of the number of cars donated to a local charity

over the past five years since 2004.

**4.** **RIVER** Construct a scatter plot of the river’s width and the water’s speed.

2 4 6 8 10

**Car Age (yr)**

0

0

0

10

8

6

4

2

50

40

30

20

10

100

90

80

70

60

50

40

30

20

10

**3.**

**2.**

**1.**

**Explain whether the scatter plot of the data for each of the following shows a**

***positive, negative*, or *no* relationship.**

DATE PERIOD