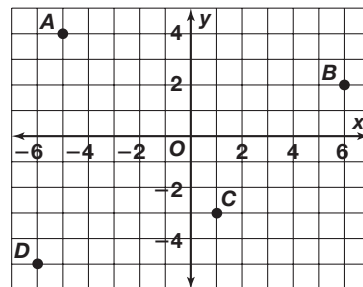


Practice 1-9

Graphing Data on the Coordinate Plane

Name the coordinates of each point on the graph at the right.

1. A
2. B
3. C
4. D



In which quadrant would you find each point?

5. $(-3, 4)$
6. $(-6, -6)$
7. $(1, 5)$
8. $(8, -9)$

Use the data in each table to draw a scatter plot.

9. Height and Hourly Pay of Ten People

Height (inches)	Hourly Pay	Height (inches)	Hourly Pay
62	\$6.00	72	\$8.00
65	\$8.50	72	\$6.00
68	\$6.50	73	\$7.50
70	\$6.00	74	\$6.25
70	\$7.50	74	\$8.00

10. Speed of Winds in Some U.S. Cities

Station	Average Speed (mi/h)	Highest Speed (mi/h)
Atlanta, GA	9.1	60
Casper, WY	12.9	81
Dallas, TX	10.7	73
Mobile, AL	9.0	63
St. Louis, MO	9.7	60

Source: National Climatic Data Center

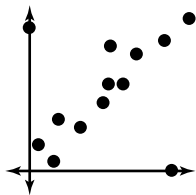
11. In Exercise 9, is there a *positive correlation*, a *negative correlation*, or *no correlation* between height and hourly pay?
12. In Exercise 10, is there a *positive correlation*, a *negative correlation*, or *no correlation* between average wind speed and highest wind speed?

Would you expect a *positive correlation*, a *negative correlation*, or *no correlation* between the two data sets? Why?

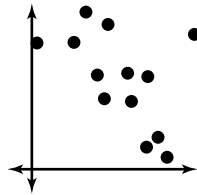
13. a person's age and the number of pets he or she has
14. the number of times you brush your teeth and the number of cavities you get
15. the number of days it rains per year and the number of umbrellas sold

Is there a *positive correlation*, a *negative correlation*, or *no correlation* between the two data sets in each scatter plot?

16.



17.



18.

