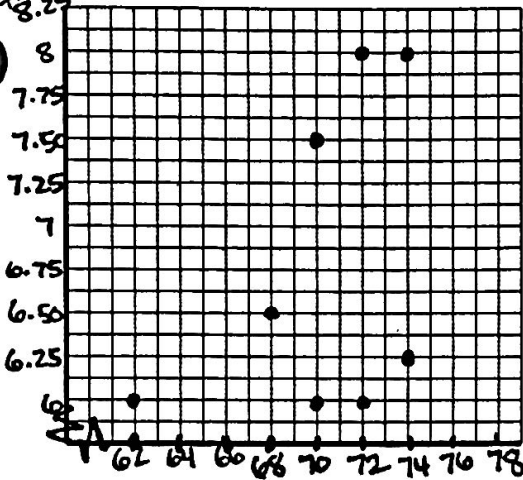


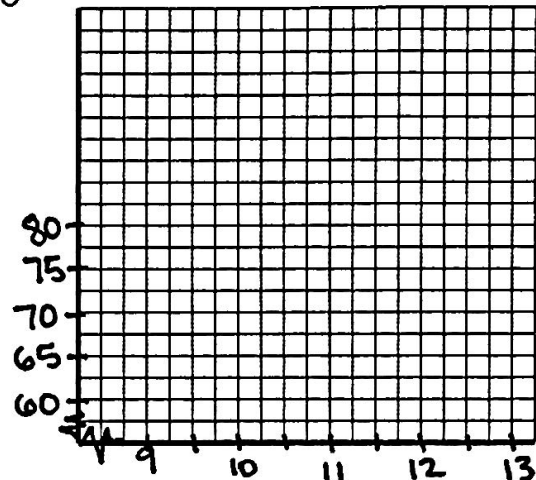
Homework

Name: _____

#9:



#10:



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?

No Correlation!

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?

- a person's age and the number of pets he or she has
- the number of times you brush your teeth and the number of cavities you get
- 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?

