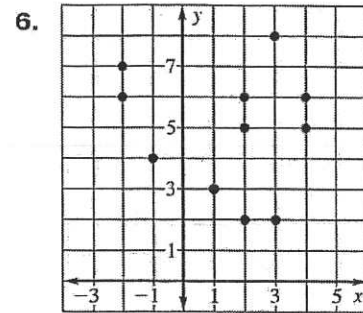
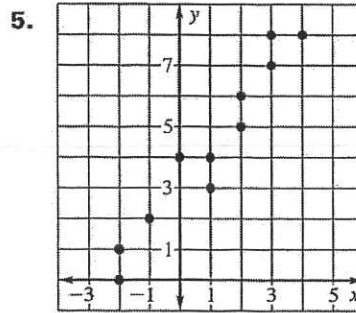
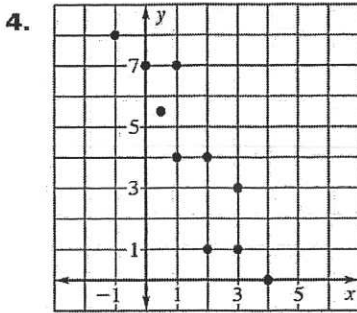
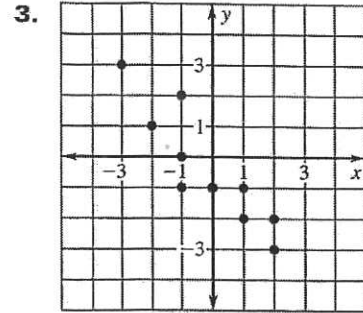
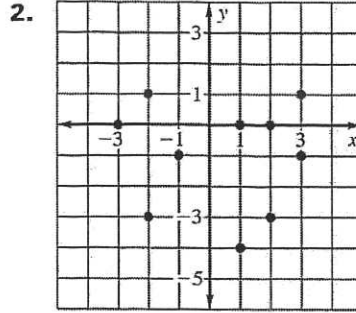
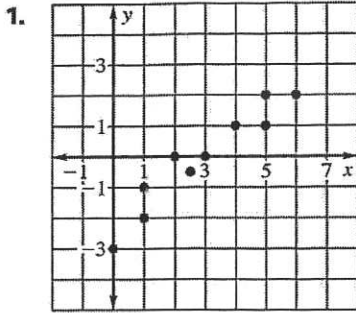


LESSON
4.6

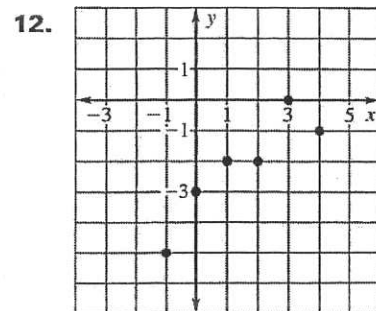
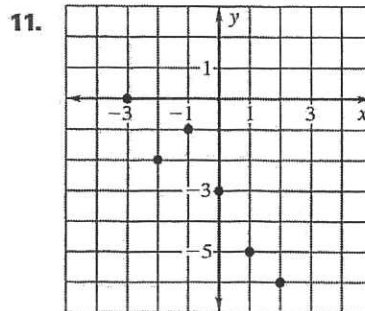
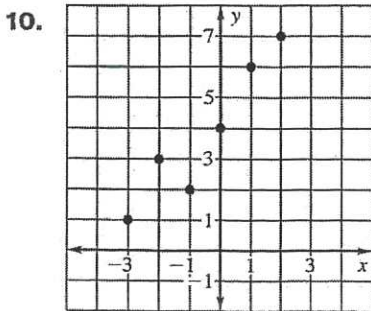
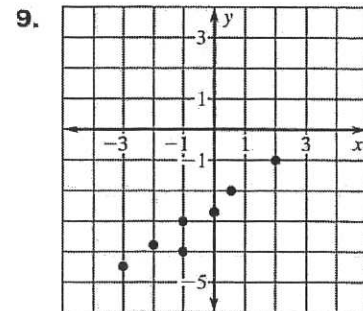
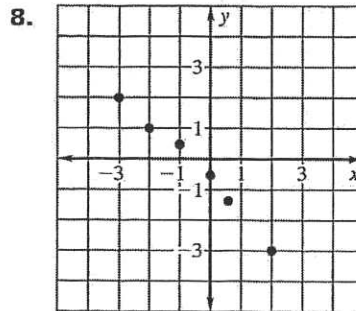
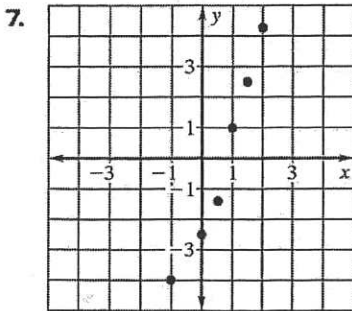
Practice A

For use with the lesson "Fit a Line to Data"

Tell whether x and y show a **positive correlation**, a **negative correlation**, or **relatively no correlation**.



Draw a line of fit for the scatter plot. Write an equation for the line.



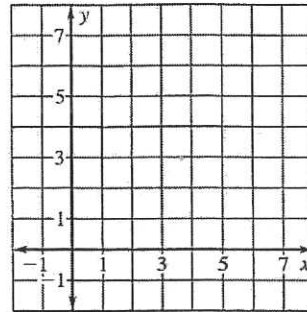
LESSON
4.6

Practice A *continued*
For use with the lesson "Fit a Line to Data"

Make a scatter plot of the data. Draw a line of fit. Write an equation for the line.

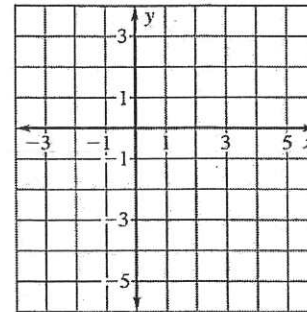
13.

x	0	1	1	2	4	5	6
y	2	3.5	2.5	3.5	4	5	5

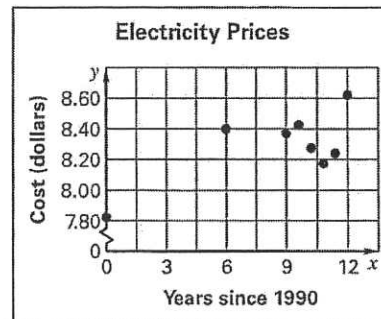


14.

x	-2	-1	2	2	3	4
y	-0.5	-1	-1.2	-1.5	-1.5	-1.8



15. **Electricity Prices** The scatter plot shows the cost (in dollars) of one kilowatt-hour of electricity for the years 1990 to 2002. *Describe* the correlation of the data.



16. **Grapefruit** The table shows the price (in dollars) for one pound of grapefruit for the years 1997 through 2002.

Years since 1997	0	1	2	3	4	5
Price (dollars)	0.53	0.55	0.58	0.58	0.60	0.62

- Make a scatter plot of the data where x represents the years since 1997 and y represents the price (in dollars).
- Draw a line of fit for the data.
- Write an equation for the line.

