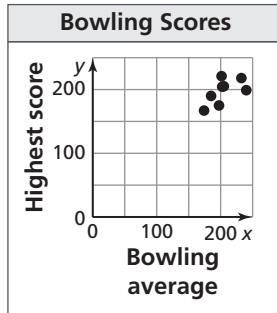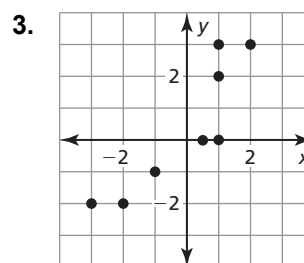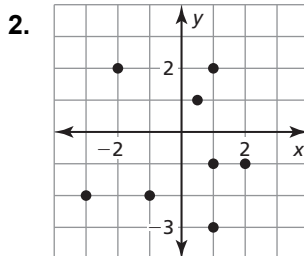Name_____ Date _____

4.4 Practice B

1. The scatter plot shows the prior bowling averages of competitors at the bowling tournament and their highest scores during the tournament.

Bowling Scores

a. How many competitors bowled above their average during the tournament?

b. Did any bowler(s) bowl their average as their highest score? Explain.

c. What are the scores of the competitors with the greatest difference between their bowling average and their highest score?

In Exercises 2 and 3, tell whether *x* and *y* show a *positive*, a *negative*, or *no* correlation.

2.

3.

4. The table shows the total number *y* of rolls of wrapping paper sold by a student after *x* weeks.

x	1	2	3	4	5	6
y	3	5	9	12	17	24

a. Write an equation that models the number of rolls of wrapping paper as a function of the number of weeks.

b. Interpret the slope and *y*-intercept of the line of fit.