Name _____ Date _____
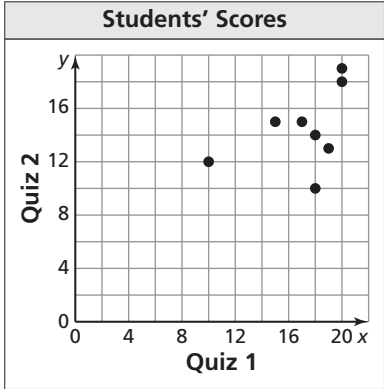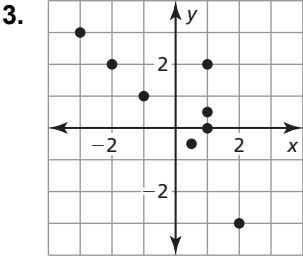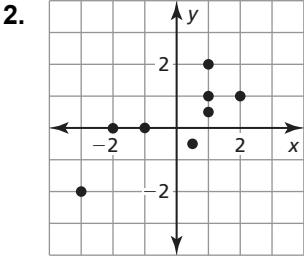
1. The scatter plot shows students' scores for Quiz 1 and Quiz 2.

a. What is the Quiz 1 score for a student who earned a score of 13 on Quiz 2?

b. Did any student(s) earn the same score on both Quiz 1 and Quiz 2? Explain.

c. Does there appear to be a difference between the Quiz 1 scores and the Quiz 2 scores? Explain.

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 number *y* of pineapple plants in a garden *x* years since 2004.

x	2	3	4	7	8	9
y	4	7	9	15	16	19

a. Write an equation that models the approximate number of pineapple plants as a function of the number of years since 2004.

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