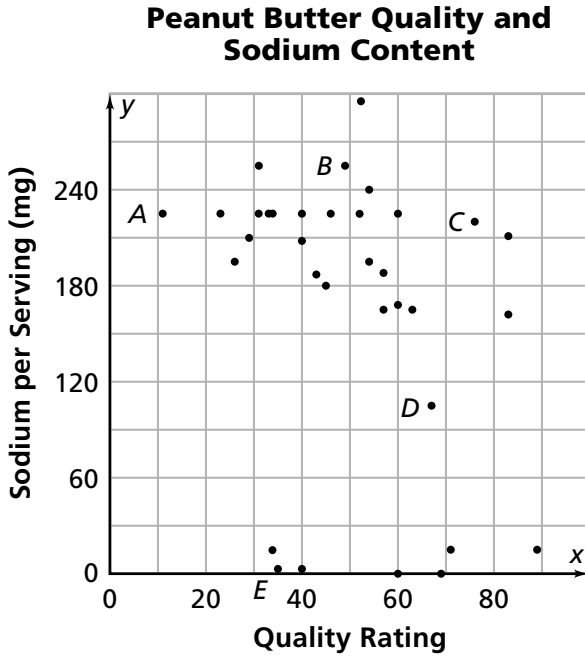


4ACE Exercise 1

Investigation 4

Samples and Populations

1. a. Compare the values in the peanut butter comparison table (see page 219) to the points on the scatter plot.



HINT What variable is represented on the *x*-axis?

What variable is located on the *y*-axis?

Why are some points located on or very near the horizontal axis?

4ACE Exercise 1 *(continued)*

Investigation 4

Samples and Populations

b. Give the approximate **coordinates** of each labeled point on the scatter plot.

A:

B:

C:

D:

E:

Explain what the coordinates tell you about the peanut butter represented by the point.

A:

B:

C:

D:

E:

c. Jeff says, “Most peanut butters, no matter what their quality rating, have between 160 milligrams and 240 milligrams of sodium per serving.”

Do you agree or disagree?

Explain.