Sixth Grade: Activity 27 Practice
(pg. 362)
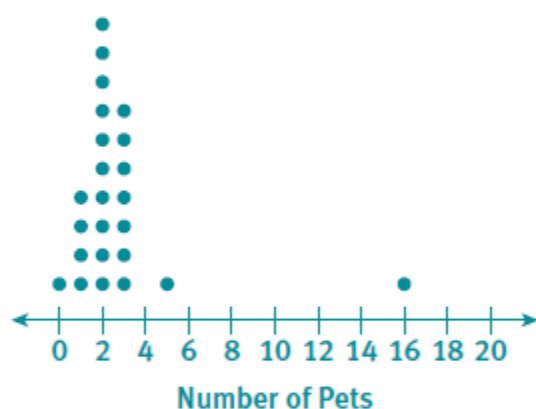
1. a. C
   b. C
   c. N
   d. N
2. a. chocolate, vanilla, butter pecan
   b. 212, 713, 813
   c. 4.5, 7, 5.5
   d. 11, 45, 5
3. c and d
4. a.

Number of Pets

   b. Skewed right distribution
   c. 16; This is an unusual value but perhaps someone had litters of puppies or kitties at their hour or an aquarium full of fish.
5. Bar graph because the candidates represent a categorical variable and are not a numerical.

6. a. Skewed left
   b. Between 10 and 39, because more text messages are sent as the week progresses.
   c. Answers will vary. Possible answer: On Friday and Saturday, people have more time to communicate and make weekend plans.
7. a. Skewed left
   b. Symmetrical
   c. Symmetrical
   d. Skewed right
   e. Symmetrical
8. A dot plot would be an appropriate graph because the data were collected in time interval order and represent numerical data for cars passing through the light.
9. A statistical question is one that is used to collect data. The answers can be used to make decisions about the set of interest.