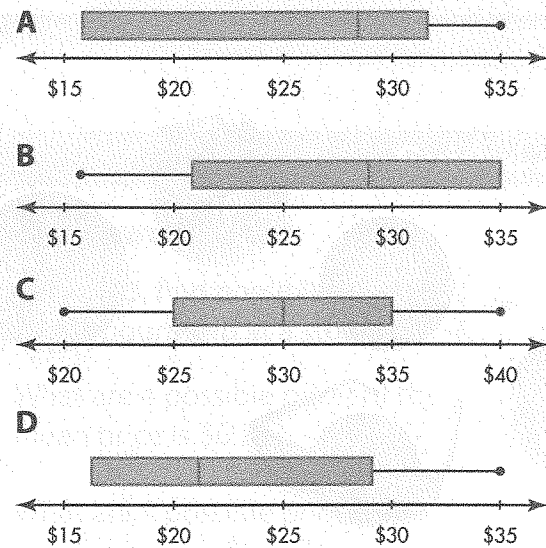


1. The data below show amounts Kelly made babysitting each week for 7 weeks.

\$16, \$28, \$28, \$32, \$21, \$16, \$35

Which of the following box plots shows the data? (19-6)

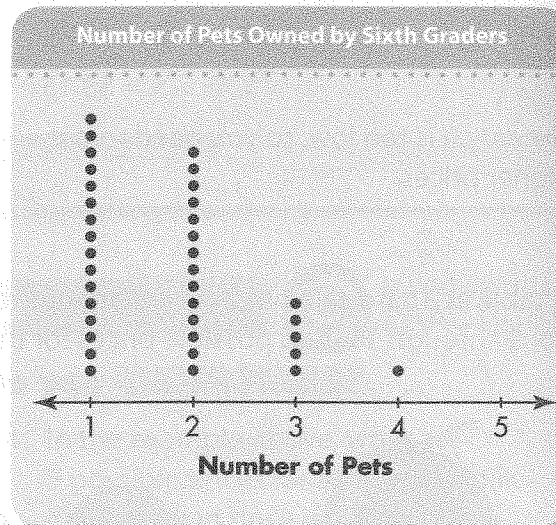


2. The years of experience for a group of dentists are listed below. Which measure of center best describes the data set? (19-8)

8, 6, 10, 7, 4, 4, 10, 35, 1, 5

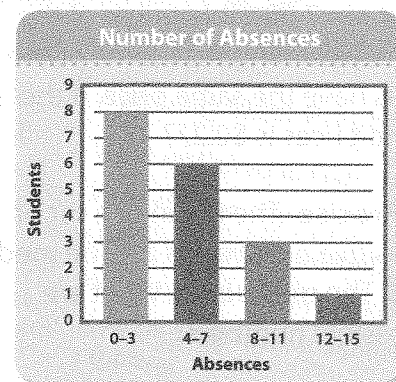
- A** Mode
B Mean
C Median
D Outlier

3. According to the dot plot of the number of pets owned by sixth graders, which is the center of this data set? (19-2)



- A** 1 pet
B 2 pets
C 3 pets
D 4 pets

4. According to the histogram, how many students have between 8 and 15 absences? (19-5)



- A** 1 student
B 3 students
C 4 students
D 5 students

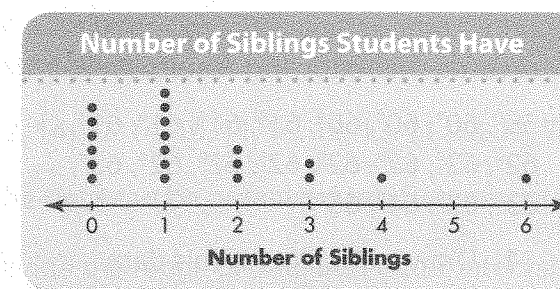
5. The mean price of a textbook is \$82 and the range of prices is \$16. What are possible prices for the textbook? (19-10)

- A** \$82, \$82, \$82, \$82, \$98
B \$90, \$90, \$74, \$74, \$74
C \$82, \$82, \$88, \$76, \$82
D \$82, \$84, \$90, \$80, \$74

6. Which of the following questions is a statistical question that could be asked to a group of students? (19-1)

- A** How many different combinations of outfits can be made using 3 pairs of pants and 2 shirts?
B What color is the shirt you are wearing?
C What colors are the school's team uniforms?
D How many tables are in the cafeteria?

7. How do you know this dot plot displays the answers to a statistical question? (19-1)



- A** Various data are shown in the display.
B Each data is the same number.
C There is an outlier in the data.
D Students were all asked the same question.

8. The ages of the people in a golf club are listed below. What is the mean age of the members? (19-3)

58, 62, 55, 61, 64

- A** 61 years
B 60 years
C 59 years
D 58 years

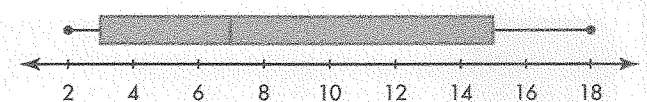
9. The eight home rooms in the school had the following distribution of students

28, 32, 33, 27, 30, 30, 29, 23

What is the mean absolute deviation for this data set? (19-7)

- A** 2
B 2.125
C 2.25
D 2.365

10. What is the interquartile range of data in the box plot below? (19-9)



- A** 12
B 8
C 7
D 4

11. The ages of the girls in the dance recital are listed below. What are the median and mode of the ages? (19-4)

7, 6, 8, 6, 8, 7, 8, 7, 8, 6

- A** 7, 6
B 7, 8
C 6, 8
D 8, 8