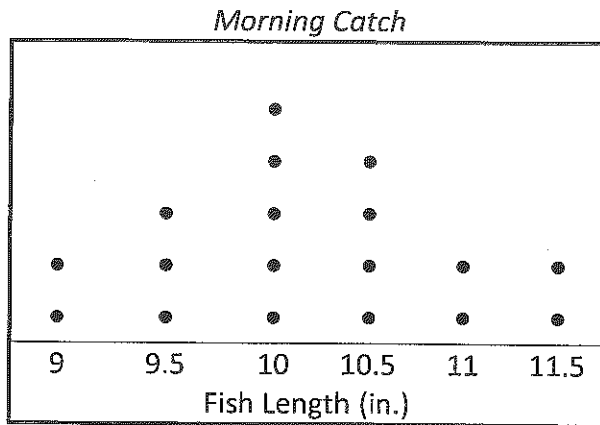


TEKS 5.9C *solve one- and two-step problems using data from a frequency table, dot plot, bar graph, stem-and-leaf plot, or scatterplot.*

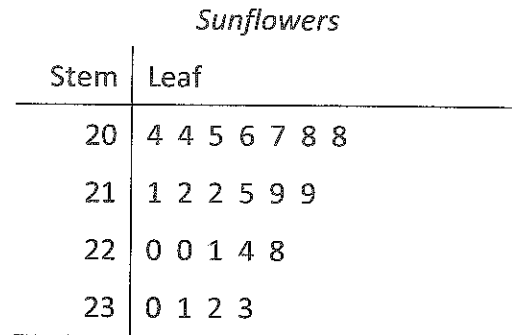
1. The dot plot shows the number of fish caught this morning.



After the dot plot was created, Fisherman Frank caught a fish measuring 10.5 inches and another measuring 9 inches. After the two catches are added to the dot plot, how many fish did Fisherman Frank catch that were longer than 10 inches?

- A. 6
- B. 7
- C. 8
- D. 9

2. The stem-and-leaf plot shows the height of sunflowers in Mrs. Green's garden.



Key: 22|4 = 22.4 cm

What is the difference between the tallest and shortest sunflowers, measured in centimeters?

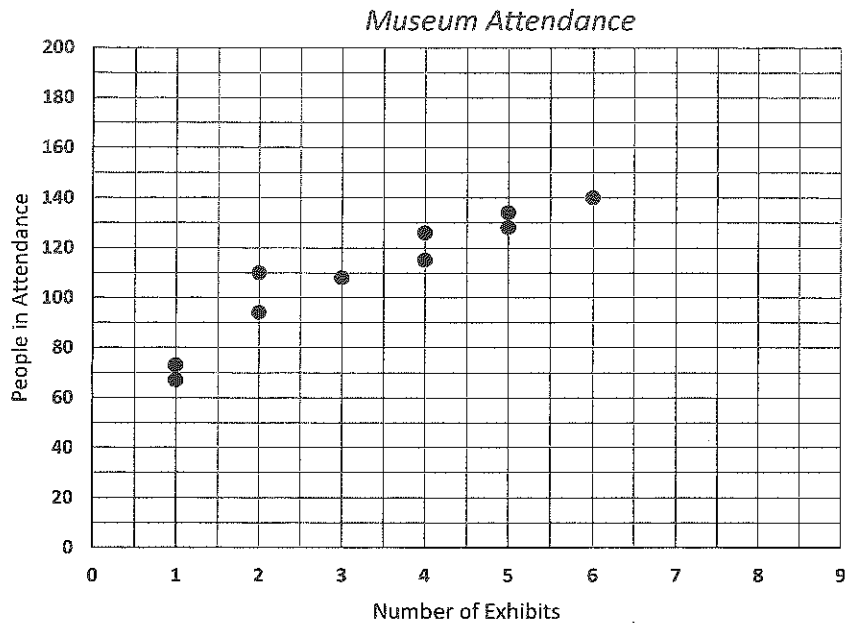
- F. 2.9 cm
- G. 3.1 cm
- H. 1.1 cm
- J. 29 cm

3. The frequency table shows the bushels of apples picked by 3 workers. If each bushel contains approximately 120 apples, how many apples were picked by Jane, Joseph and Joel?

Worker	Bushels Picked	Frequency
Jane	III I	6
Joseph	III III I	11
Joel	III II	7

- A. 24 apples
- B. 720 apples
- C. 2,880 apples
- D. 1,680 apples

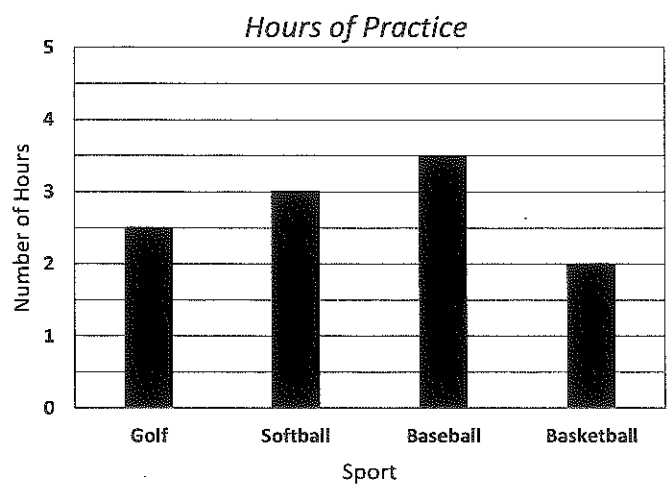
4. The scatterplot below shows museums with different numbers of exhibits and their average weekly attendance.



Based on the trend in the scatterplot, approximately how many people will visit a museum with 8 exhibits?

- F. 140 G. 165 H. 200 J. 135

5. The graph shows the number of hours four different sport groups spent practicing last Tuesday.



Based on the information in the graph, which statement could be true?

- A. Golf practice started at 3:30 P.M. and ended at 5:30 P.M.
- B. Softball practice started at 4:00 P.M. and ended at 6:30 P.M.
- C. Baseball practice started at 3:30 P.M. and ended at 7:00 P.M.
- D. Basketball practice started at 4:30 P.M. and ended at 6:45 P.M.

6. The stem-and-leaf plot shows hours worked by employees during a one week time period.

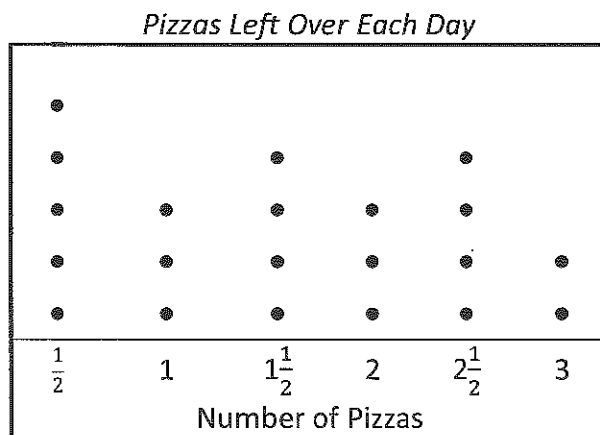
<i>Hours Worked</i>	
Stem	Leaf
1	0 1 5 6 8
2	0 1 1 7 8 9
3	1 2 4 6
4	0 0 0

Key: 3|4 = 34 hours

Based on the stem-and-leaf plot, which of the following is NOT true?

- F. Exactly one-third of the employees worked between 19 and 30 hours.
- G. Exactly one-sixth of the employees worked 40 hours.
- H. If all employees earn \$10 per hour, those working 40 hours will earn \$400 per week.
- J. Exactly one-third of the employees work more than 30 hours per week.

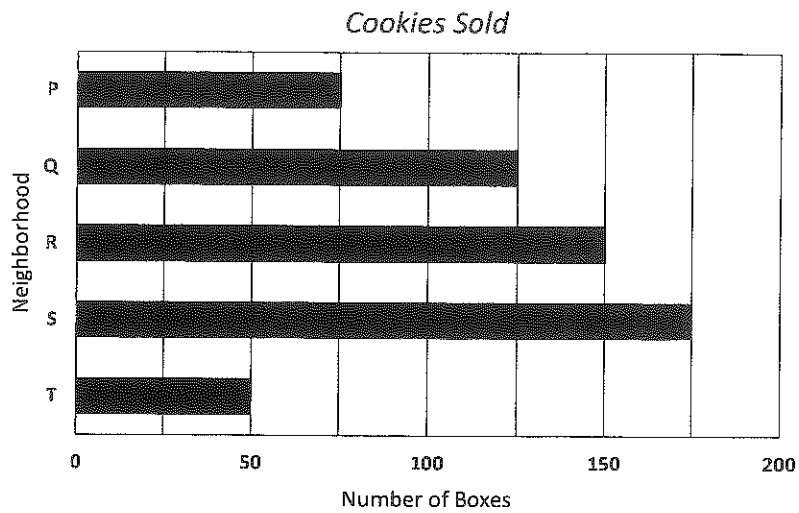
7. The dot plot shows the number of pizzas left over after a pizza buffet mealtime for the last 3 weeks.



Based on the dot plot, which of the following is true?

- A. The pizza restaurant had a total of $33\frac{1}{2}$ pizzas left over during this span of 3 weeks.
- B. One-seventh of the days represented had exactly 3 pizzas left over.
- C. The pizza restaurant had at least $1\frac{1}{2}$ pizzas left over for exactly 4 days.
- D. The difference between the least amount of pizza left over and the greatest amount of pizza left over is $3\frac{1}{2}$ pizzas.

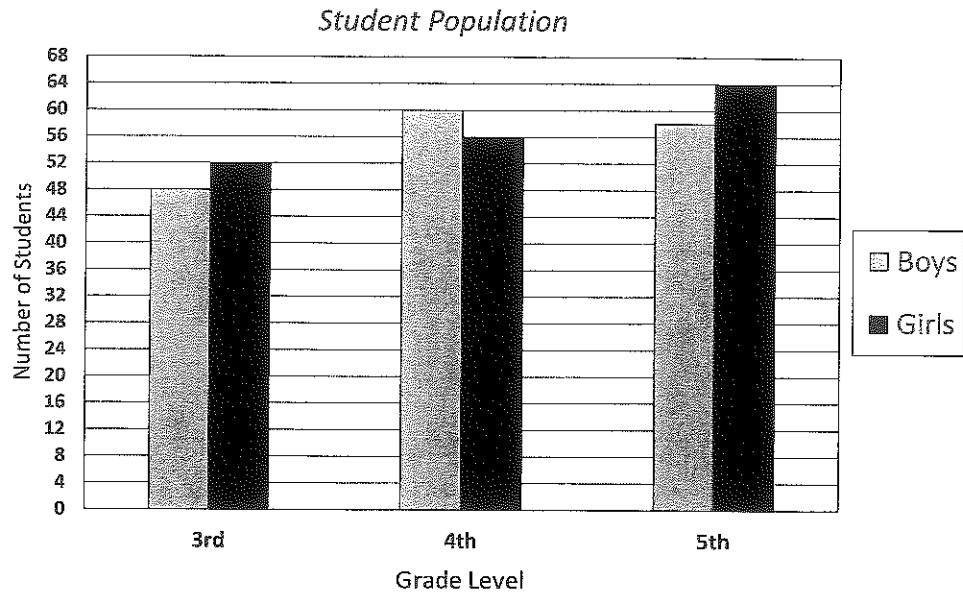
8. The graph below shows the number of cookies purchased in five neighborhoods.



Which statement is best supported by the graph?

- F. A total of 500 boxes of cookies were sold in these 5 neighborhoods.
- G. The combined number of boxes sold in Neighborhood P and Neighborhood Q is 50 more than the number of boxes sold in Neighborhood R.
- H. The difference between the greatest number of boxes sold and the least number of boxes sold is 110.
- J. The combined number of boxes sold in Neighborhood R and Neighborhood S is 375 more than the number of boxes sold in Neighborhood T.

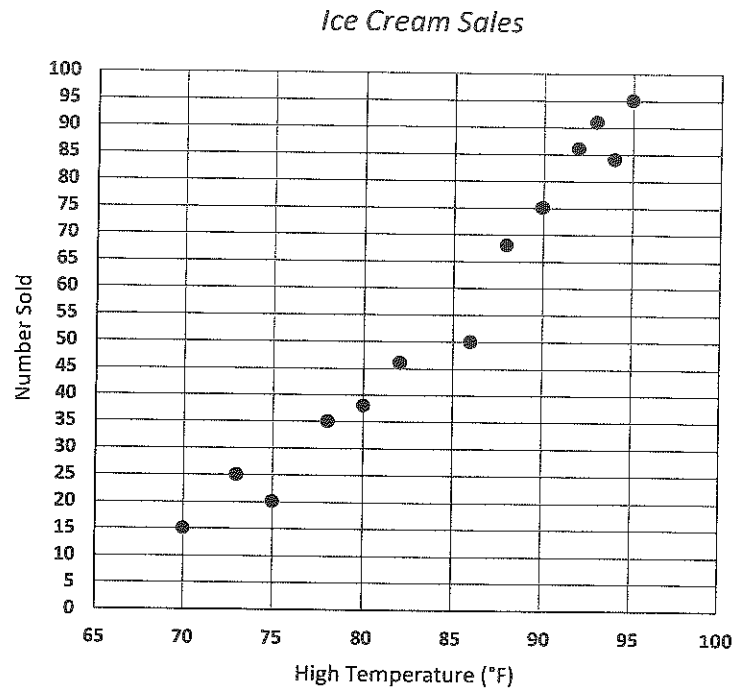
9. The graph below shows the number of students in grades 3, 4, and 5 at an elementary school.



Which statement is NOT supported by the information in the graph?

- A. There are 4 more girls in the 4th grade than in the 3rd grade.
- B. There are 166 boys and 172 girls in grades 3-5 at this elementary school.
- C. There are 32 more students in the 5th grade than in the 3rd grade at this school.
- D. There are 338 students in grades 3-5 at this elementary school.

10. The scatterplot shows the relationship between the daily high temperature and the number of ice cream cones sold at the park.



Based on the scatterplot, which of the following is true?

- F. As the temperature increases, the number of ice cream cones sold decreases.
- G. Approximately 45 ice cream cones will be sold if the temperature is 87°F.
- H. No ice cream cones will be sold if the temperature is less than 65°F.
- J. Approximately 110 ice cream cones will be sold if the temperature is 100°F.