

TAHNOON BIN MOHAMMED (2020-2021)

MATH QUIZ (GRADE 6) - TERM 3 CHAPTER 12 - STATISTICAL DISPLAY

Write the letter for the correct answer in the blank at the right of each question.

1. Which of the following is an appropriate display to show the height of a plant over the past 3 weeks?

A. bar graph
B. line graph
C. circle graph
D. histogram

1. _____

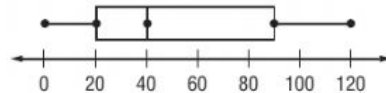
2. Which of the following is an appropriate display to show the heights of sixth graders arranged by intervals?

F. bar graph
G. line graph
H. circle graph
I. histogram

2. _____

For Exercises 3–4, use the box plot. It shows the number of days on the market for single family homes in a city.

Home Sales: Days on the Market



3. What are the third and first quartiles of the data?

A. 60, 0
B. 40, 20
C. 90, 20
D. 120, 0

3. _____

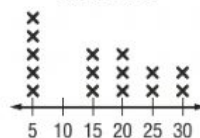
4. What percent of homes were on the market between 20 and 40 days?

F. 25%
G. 50%
H. 75%
I. 100%

4. _____

For Exercises 5–7 use the following line plot. It shows the number of cans collected by the student council.

Number of Cans Collected



5. What is the mean of the data?

A. 5
B. 15
C. 16
D. 20

5. _____

6. Which of the following describes the shape of the data distribution?

F. It is symmetric.
G. There is a peak at 5.
H. There is a cluster from 5–10.
I. There is a gap from 15–30.

6. _____

7. Which is best used to describe the center of the data?

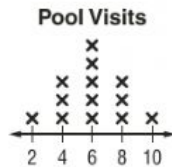
A. mean
B. median
C. mode
D. range

7. _____

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For Exercises 8 and 9, use the line plot that shows the number of times students went to the pool in June.



8. Which of the following describes the data?

- F. symmetric, peak at 6 H. symmetric, peak at 2
G. not symmetric I. symmetric, peak at 8

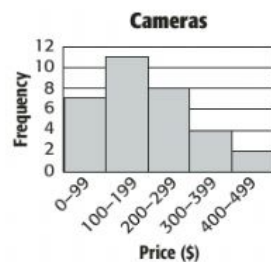
8. _____

9. Which best describes the center of the data?

- A. 2 C. 6
B. 4 D. 8

9. _____

For Exercises 10 and 11, refer to the histogram below that shows the prices of cameras.



10. What is the cost of the greatest number of cameras?

- F. \$11 H. \$100-\$199
G. \$0-\$99 I. \$400-\$499

10. _____

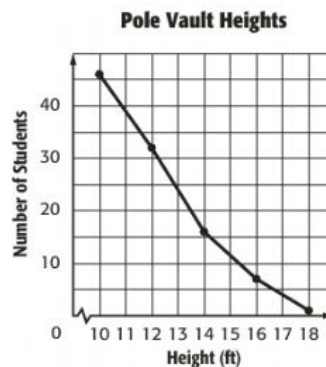
11. How many cameras cost more than \$299?

- A. 6 C. 14
B. 8 D. 18

11. _____

12. The graph shows the number of students who cleared the bar on the pole vault at various heights. Which of the following is the best prediction for the number of students who would clear 15 feet?

- F. 25 H. 12
G. 14 I. 5



12. _____