Name _____



Data Skills Check

Directions: Use the data in each question. Choose or write the best answer.

1. A survey shows: Dogs 14, Cats 11, Fish 5. How many students were surveyed?

_____

2. Using the survey in Question 1, how many more students chose dogs than fish?

_____

3. Daily visitors were 24, 28, 31, 29, and 35. Which value is greatest?

A. 24
B. 31
C. 35

4. Temperatures were:
Mon: 68°F Tue: 72°F Wed: 72°F Thu: 70°F

Between which days was there no change?

_____

5. A plant's heights were 5, 8, 11, and 14 cm over four weeks. Identify the trend.

A. Increasing
B. Decreasing
C. No overall change

6. Find the mean of 6, 8, 10, 12, and 14.

_____

7. Find the median of 3, 5, 7, 9, and 16.

_____

8. Scores range from 62 to 88. What is the range? _____

9. Dot plot values are:

4: ●
5: ● ● ●
6: ● ● ● ●
7: ● ● ●
8: ●

Which value is the peak of the distribution?

_____

10. Data values are 10, 11, 11, 12, 12, 13, 25. Which value appears to be an outlier?

_____

11. Class A has a range of 8 points. Class B has a range of 19 points. Which class has the more consistent scores?

A. Class A
B. Class B
C. Cannot determine

12. A sample of 40 students shows that 27 prefer outdoor recess. Which conclusion is supported?

A. Every student prefers outdoor recess.
B. Most students in the sample prefer outdoor recess.
C. Outdoor recess causes students to exercise more.

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