

MEASURE OF CENTRAL TENDENCY

Name: _____ Score: _____

Direction: Read and answer the questions carefully. Choose the letter of the correct answer.

1. What measure of central tendency is used when adding all the values and dividing the sum by the number of values?

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

2. What is the term used to describe the distribution of a data set with one mode?

- A. bimodal B. multimodal C. nonmodal D. unimodal

3. Which measure of central tendency is generally affected by extreme scores?

- A. mean B. median C. mode D. Range

4. Which of the following measures can have more than one value for a set of data?

- A. mean B. median C. mode D. Range

5. What should be the divisor to find the mean of 3, 4, 5, and 6?

- A. 3 B. 4 C. 5 D. 6

6. What is the mean of the following numbers? 10, 35, 71, 39, 76, 38, 25

- A. 35.5 B. 39 C. 42 D. 42.5

7. What is the median of the following numbers? 10, 39, 71, 42, 39, 76, 38, 25

- A. 35.5 B. 39 C. 42 D. 42.5

8. What is the mode of the following numbers? 12, 11, 14, 10, 8, 13, 11, 9

- A. 8 B. 10 C. 11 D. 14

9. What is the median score achieved by a student who recorded the following scores on 10 Math quizzes? 25, 15, 18, 19, 20, 23, 16, 13, 9, 11

- A. 16 B. 17 C. 18 D. 19

10. The mean of four numbers is 71.5. If three numbers are 58, 76, and 88, what is the value of the fourth number?

- A. 60 B. 64 C. 76 D. 82