Web Quiz

Assignment Name: Gravetter/Wallnau, Statistics for the Behavioral Sciences 8e, Chapter 1
       59:54

Review

Enter Answer

A researcher is interested in the sleeping habits of American college students. A group of 50 students is interviewed and the researcher finds that these students sleep an average of 6.7 hours per day. For this study, the average of 6.7 hours is an example of a _____.

1.

- a. statistic
- b. population
- c. parameter
- d. sample

Although a research study is typically conducted with a relatively small group of participants know as a _____, most researchers hope to generalize their results to a much larger group know as a _____.

2.

- a. statistic, sample
- b. parameter, population
- c. sample, population
- d. population, sample

Statistical methods that use sample data to answer general questions about a population are called _____.

3.

- a. inferential statistics
- b. statistics
- c. descriptive statistics
- d. parameters

The average score for an entire population would be an example of a _____.

4.

- a. statistic
- b. parameter
- c. variable
- d. constant

In an experiment, the researcher manipulates the _____ variable and measures changes in the _____ variable.

5.

    ○ a. population, sample

    ○ b. independent, dependent

    ○ c. dependent, independent

    ○ d. sample, population

Which of the following is not a continuous variable?

    ○ a. time to solve a problem

6.   ○ b. temperature

    ○ c. height

    ○ d. number of children in a family

Using letter grades (A, B, C, D, and E) to classify student performance on an exam is an example of measurement on a(n) _____ scale of measurement.

    ○ a. nominal

7.   ○ b. interval

    ○ c. ratio

    ○ d. ordinal

What is the first step to be performed in the following mathematical expression?

$\Sigma(X + 2)^2$

    ○ a. Sum the squared values.

8.

    ○ b. Square the sum of the values.

    ○ c. Square each value.

    ○ d. Add 2 points to each value.

What is the value of $\Sigma(X + 1)$ for the following scores?

Scores: 3, 0, 5, 2

    ○ a. 14

9.

    ○ b. 32

    ○ c. 12

    ○ d. 20

What is the value of $\Sigma(X - 2)^2$ for the following scores?

Scores: 1, 4, 1, 2

10.

- ⬡ a. 16
- ⬡ b. 0
- ⬡ c. 6
- ⬡ d. 4

[Enter Answer]