

Sample Quiz

Students have 6 minutes to answer the 10 questions and must earn at least a 90% to progress.

1. A psychologist believes that jurors are less likely to convict defendants who are attractive. To test this, she has potential jurors read the same case while looking at a picture of the defendant. She varies the physical attractiveness of the defendant pictured and has jurors indicate how many years the defendant should be sentenced for the crime. Which of the following statements is true?
 - a. The psychologist is using clinical methods to study her hypothesis.
 - b. The dependent variable is the number of years given as the penalty for the crime.
 - c. The independent variable is the number of years given as the penalty for the crime.
 - d. A positive correlation is predicted between physical attractiveness and number of years assigned as the penalty for the crime.
2. Jared is interested in the degree to which politicians have negative attitudes toward "illegal immigrants." He collects transcripts of speeches that were previously made by politicians and counts the number of times the politicians made remarks that reflected either positive or negative attitudes toward "illegal immigrants." Jared has used the
 - a. archival method.
 - b. case study method.
 - c. experimental method.
 - d. participant observation method.
3. Researchers examined the relationship between students' attitudes toward professors and the number of readings required. They hypothesized that as the number of readings increased, students' attitudes toward professors would decrease (become more negative). The researchers predicted a _____ correlation.
 - a. positive
 - b. negative
 - c. neutral
 - d. strong
4. Dr. Mundo thinks that having students use "clickers" will improve students' grades in his classes. In some classes, he uses "clickers," and in other classes he does not. He compares the grades of students in each class. In this example, _____ is/are the independent variable.
 - a. Dr. Mundo
 - b. the students
 - c. whether "clickers" are used or not
 - d. student grades

5. Independent variable is to dependent variable as
 - a. manipulate is to measure.
 - b. experimental is to correlational.
 - c. experiment is to control.
 - d. measure is to manipulate.
6. Suppose Dr. Osmo is randomly assigning subjects to receive different doses of a certain medication that neither she nor her subjects are aware of (the dosage). It would be most appropriate to classify this study as a
 - a. naturalistic observation.
 - b. correlational study.
 - c. meta-analysis.
 - d. double-blind procedure or design.
7. Research was conducted in which subjects completed a driving simulation either while talking on a cell phone or talking to the person sitting next to them. Independent judges rated their driving performance. The prediction that cell phone use would lower driving performance is a
 - a. theory.
 - b. confound.
 - c. variable.
 - d. hypothesis.
8. Which ethical guideline for psychological research is the most important?
 - a. Protect participants from mental and physical harm.
 - b. Obtain informed consent from research participants.
 - c. Keep participants' data confidential.
 - d. Debrief participants after the study is completed.
9. When a researcher reports that a study's outcome was statistically significant, this suggests that:
 - a. a theory has been proven true.
 - b. efforts to replicate the results will succeed.
 - c. the results were unlikely to have happened by chance.
 - d. the results will have a noticeable social impact.
10. To test whether exercise would reduce the symptoms and severity of depression, researchers randomly assigned depressed participants to 0, 10, 20, or 50 minutes of daily exercise, and two months later measured the number and severity of their symptoms. In this study, _____ was/were the dependent variable(s).
 - a. exercise
 - b. people with depression
 - c. number and severity of symptoms
 - d. number of minutes of daily exercise