

- a. American Ethics Union
- b. American Educational Research Association
- c. American Principles of Ethical Practices
- d. American Ethical Research Association

7. Place in order from 1 to 6 the steps in the process of research:

- _____ reviewing the literature
- _____ specifying a purpose
- _____ analyzing and interpreting data
- _____ reporting and evaluating research
- _____ collecting data
- _____ identifying a research problem

8. Identify three skills that you bring to research from your life experiences.

9. List three potential shortcomings of educational research today.

10. Describe three ways in which a research study might contribute to knowledge about an educational topic.

11. A researcher decides to study an elementary-school classroom. This investigator wants to surprise the teacher and the students and comes in to the class unannounced during a spelling test. Describe the type of ethical issue that arises in this situation.

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12. How are quantitative and qualitative research similar?
- a. Both follow the steps in the research process
 - b. Both use similar formats for presenting the research problem
 - c. Both use data collection procedures
 - d. Quantitative and quantitative research are similar in all of these ways
13. In which way are quantitative and qualitative research similar in the use of the literature?
- a. The development of the research questions
 - b. The writing of the literature review section
 - c. The justification of the research problem
 - d. The suggestion of the study purpose
14. Which of the following sequences best characterizes research?
- a. Posing a problem, collecting data, and addressing the problem
 - b. Posing a question, collecting data, and answering the question
 - c. Posing a question, collecting data, and presenting a solution
 - d. Posing a hypothesis, collecting data, and falsifying the hypothesis
15. You are examining a published journal article to determine if it is more of a quantitative or qualitative study. All of the following characteristics would help you identify that it is a quantitative study except
- a. the inclusion of specific research questions.
 - b. the use of numeric or numbered data.
 - c. the sample of a large number of individuals.
 - d. the interpretation of the larger meaning.
16. Which of the following designs are associated with qualitative research?
- a. Survey designs
 - b. Correlational designs
 - c. Grounded theory designs
 - d. Experimental designs
17. Which of the following is the best reason for selecting either a quantitative or qualitative approach to your study?
- a. You are more comfortable with words than numbers.
 - b. Your research problem addresses characteristics of one of the approaches.

- c. You already have a survey to use.
 - d. Your literature review suggests one of the approaches.
18. What characteristic of quantitative research is evident in the parent involvement study by Deslandes and Bertrand (2005)?
- a. The researchers do not refer to themselves.
 - b. The problem of parent involvement in education is an issue today
 - c. The implications suggest a different way of considering parent involvement.
 - d. The authors had first-hand experiences with parenting children
19. What characteristic of qualitative research is evident in the mothers' trust in school principals study (Shelden et al., 2010)?
- a. The researchers focused on quality issues in the schools.
 - b. The research questions are broad, open-ended questions.
 - c. The researchers report numbers related to IEP meetings.
 - d. The authors remain invisible throughout the study.
20. Look at the title to the mothers' trust in school principals study (Shelden et al., 2010), "School Principals' Influence on Trust: Perspectives of Mothers of Children with Disabilities." What qualitative characteristic does this title suggest to a reader?
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- _____
21. Examine the title of the parent involvement study by Deslandes and Bertrand (2005), "Motivation of parent involvement in secondary-level schooling." What quantitative characteristic does this title suggest to a reader?
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22. Identify the type of research design that a researcher might use to examine the impact of a new lesson plan on student achievement of elementary 4th grade children.
- _____
- _____
23. What type of research problem is best studied using a quantitative approach?
- _____