

Name

Class

Date

1. What is an example of a valid measurement?

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| a) A test that accurately assesses the mathematical skills it intends to measure | b) A scale that gives consistent weight measurements for different individuals |
| c) A ruler that consistently provides the same length measurement | d) A survey that produces consistent responses from participants |

2. Which of the following is an example of random sampling in research?

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|---|---|
| a) Choosing participants based on their availability and convenience. | b) Selecting participants for a study through a lottery system. |
| c) Conducting a study with a large sample size. | d) Including participants from different geographic regions. |

3. Which term refers to the degree to which a measurement is free from random error?

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|--------------|----------------|
| a) Validity | b) Accuracy |
| c) Precision | d) Reliability |

4. Which term refers to the extent to which a measurement is free from bias and systematic error?

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|-------------|----------------|
| a) Validity | b) Precision |
| c) Accuracy | d) Reliability |

5. Which term refers to the consistency and agreement between different raters or observers in measuring the same thing?

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|----------------------------|----------------------------|
| a) Intra-rater validity | b) Inter-rater reliability |
| c) Test-retest reliability | d) Concurrent validity |

6. Which of the following is an example of a valid measurement?
- a) A scale that gives consistent weight measurements for different individuals
 - b) A ruler that consistently provides the same length measurements
 - c) A survey that produces consistent responses from participants
 - d) A standardized test that accurately measures intelligence levels
7. Which term refers to the consistency or stability of a measurement?
- a) Validity
 - b) Accuracy
 - c) Precision
 - d) Reliability
8. Which term refers to the extent to which a measurement is accurate and measures what it claims to measure?
- a) Reliability
 - b) Accuracy
 - c) Validity
 - d) Precision
9. Which of the following is an example of face validity in research?
- a) Calculating the mean scores of a variable to determine central tendency.
 - b) Asking experts in the field to review and confirm that a measurement tool appears to measure the construct.
 - c) Conducting a study with high internal validity by controlling for extraneous variables.
 - d) Randomly assigning participants to different groups in an experimental study.
10. Which of the following is an example of a reliable measurement?
- a) A thermometer that gives inconsistent temperature readings
 - b) A survey that produces inconsistent responses from participants
 - c) A bathroom scale that consistently provides the same weight reading for the same person
 - d) A stopwatch that fluctuates in recording accurate time

Answer Keys

1. a) A test that accurately assesses the mathematical skills it intends to measure
2. b) Selecting participants for a study through a lottery system.
3. d) Reliability
4. a) Validity
5. b) Inter-rater reliability
6. d) A standardized test that accurately measures intelligence levels
7. d) Reliability
8. c) Validity
9. b) Asking experts in the field to review and confirm that a measurement tool appears to measure the construct.
10. c) A bathroom scale that consistently provides the same weight reading for the same person

