

Sampling and Field Research Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.

[illegible]

ACROSS

1. Time and effort differ along with the observers
3. Systematic distortion caused by how a sample is selected
6. Section usually explains how data were collected
7. Information gathered with senses or scientific instruments.
8. A subset of the population or area being studied
9. Line or path along which observations are collected

ACROSS (continued)

10. Sampling method that selects members from each defined subgroup

DOWN

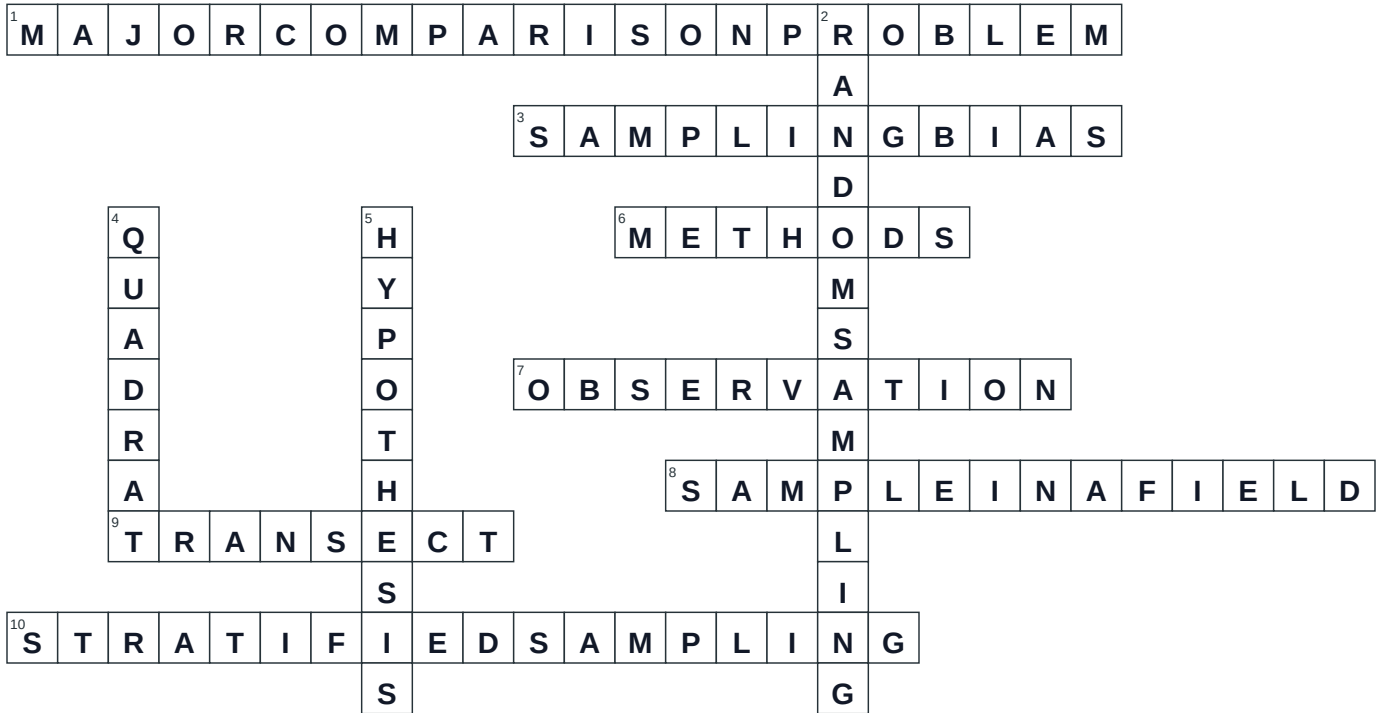
2. Method that gives population members a chance of selection
4. Frame used to sample organisms in a defined area
5. Testable proposed explanation or prediction.

Sampling and Field Research Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

1. Major Comparison Problem
3. Sampling Bias
6. Methods
7. Observation
8. Sample In A Field
9. Transect

ACROSS (continued)

10. Stratified Sampling

DOWN

2. Random Sampling
4. Quadrat
5. Hypothesis

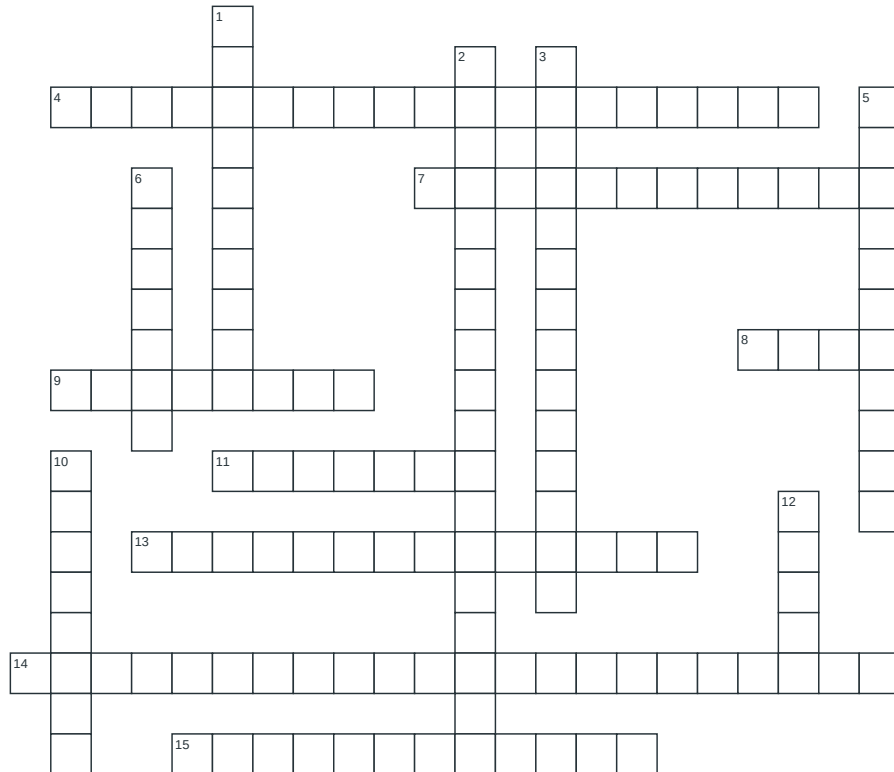
Sampling and Field Research Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

4. Factor deliberately changed by the investigator.
7. Systematic distortion caused by how a sample is selected
8. Recorded observations and measurements from an investigation.
9. Line or path along which observations are collected
11. Section usually explains how data were collected
13. Method that gives population members a chance of selection
14. Time and effort differ along with the observers
15. Comparison group that does not receive the tested treatment.

DOWN

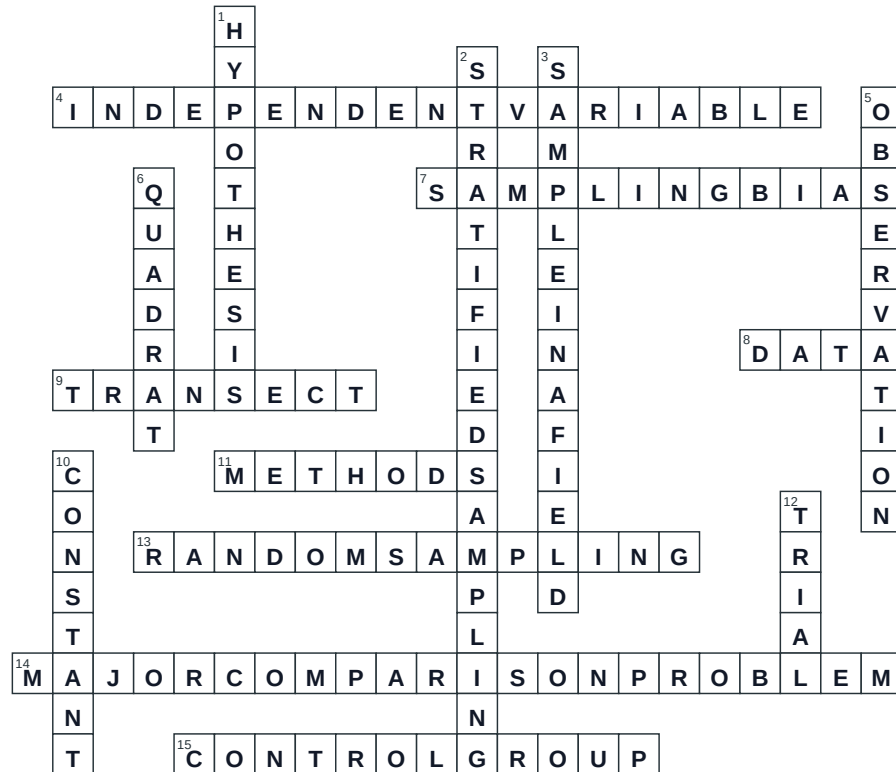
1. Testable proposed explanation or prediction.
2. Sampling method that selects members from each defined subgroup
3. A subset of the population or area being studied
5. Information gathered with senses or scientific instruments.
6. Frame used to sample organisms in a defined area
10. Condition kept the same across comparison groups.
12. One repetition of an experimental procedure.

Sampling and Field Research Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

4. Independent Variable
7. Sampling Bias
8. Data
9. Transect
11. Methods
13. Random Sampling
14. Major Comparison Problem
15. Control Group

DOWN

1. Hypothesis
2. Stratified Sampling
3. Sample In A Field
5. Observation
6. Quadrat
10. Constant
12. Trial

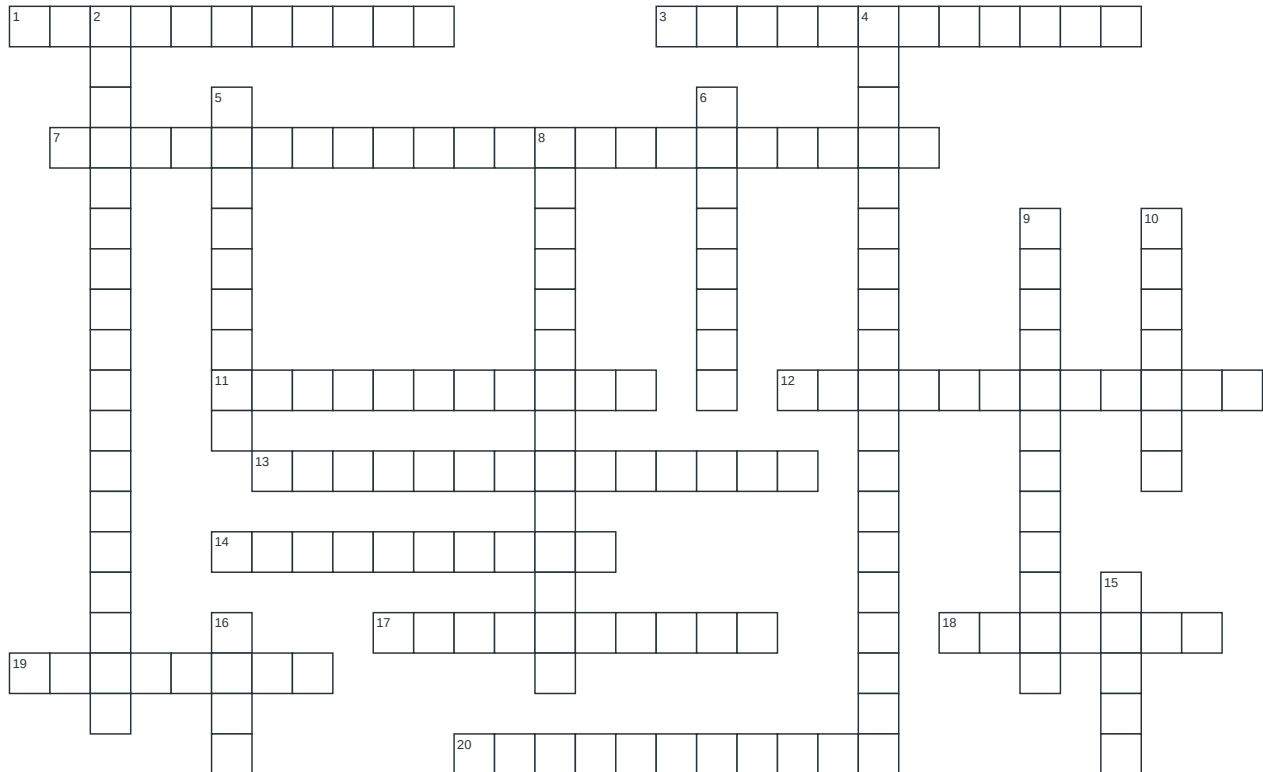
Sampling and Field Research Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.

**ACROSS**

1. Information gathered with senses or scientific instruments.
3. Describes data expressed as numbers or measurements.
7. Time and effort differ along with the observers
11. Repeating an investigation to check whether results are consistent.
12. Comparison group that does not receive the tested treatment.
13. Method that gives population members a chance of selection
14. Testable proposed explanation or prediction.
17. Number of individuals or observations included in a study.
18. Frame used to sample organisms in a defined area
19. Condition kept the same across comparison groups.

ACROSS (continued)

20. Describes observations about qualities rather than numerical amounts.

DOWN

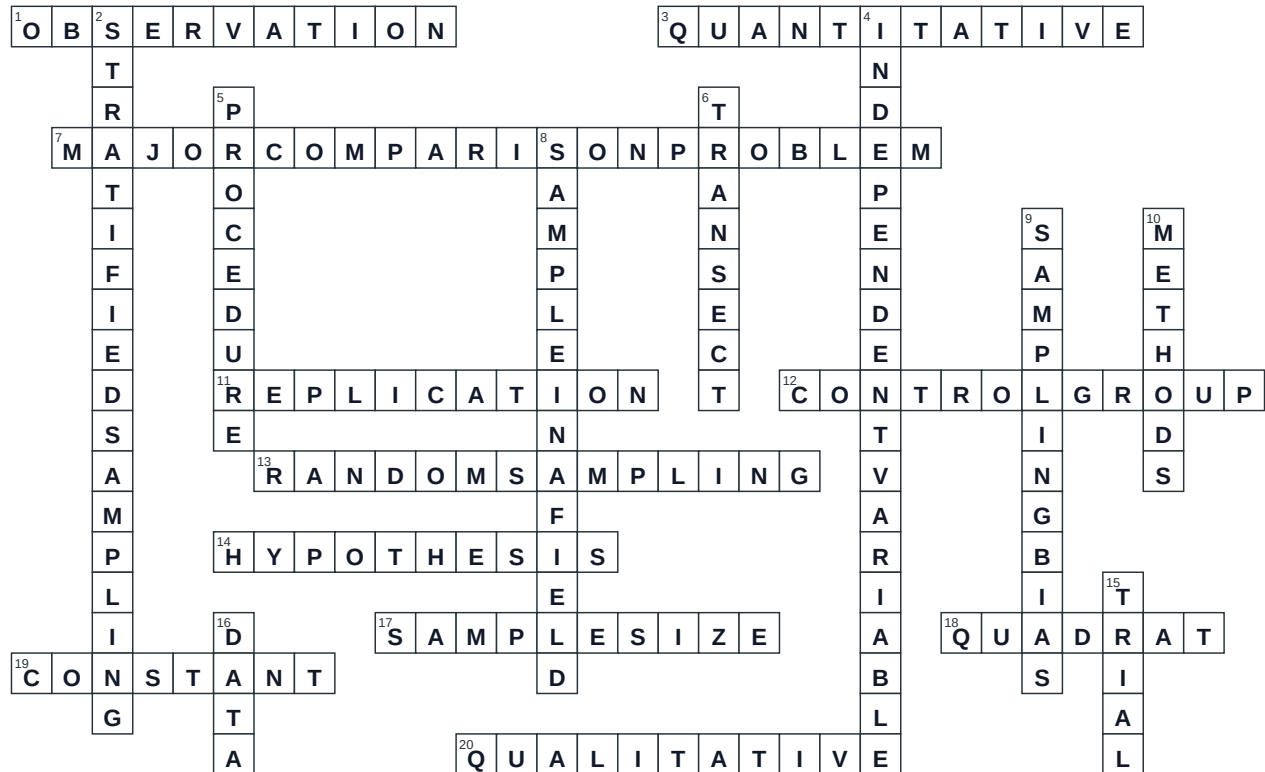
2. Sampling method that selects members from each defined subgroup
4. Factor deliberately changed by the investigator.
5. Ordered steps used to carry out an investigation.
6. Line or path along which observations are collected
8. A subset of the population or area being studied
9. Systematic distortion caused by how a sample is selected
10. Section usually explains how data were collected
15. One repetition of an experimental procedure.
16. Recorded observations and measurements from an investigation.

Sampling and Field Research Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

1. Observation
3. Quantitative
7. Major Comparison Problem
11. Replication
12. Control Group
13. Random Sampling
14. Hypothesis
17. Sample size
18. Quadrat
19. Constant
20. Qualitative

DOWN

2. Stratified Sampling
4. Independent Variable
5. Procedure
6. Transect
8. Sample In A Field
9. Sampling Bias
10. Methods
15. Trial
16. Data