

Data and Graphs Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

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

[illegible]

ACROSS

1. The sample may not represent the whole school
4. Factor deliberately changed by the investigator.
6. Testable proposed explanation or prediction.
7. Information gathered with senses or scientific instruments.
8. Recorded observations and measurements from an investigation.

ACROSS (continued)

9. Data value unusually far from the rest of a set
10. Middle value in an ordered data set

DOWN

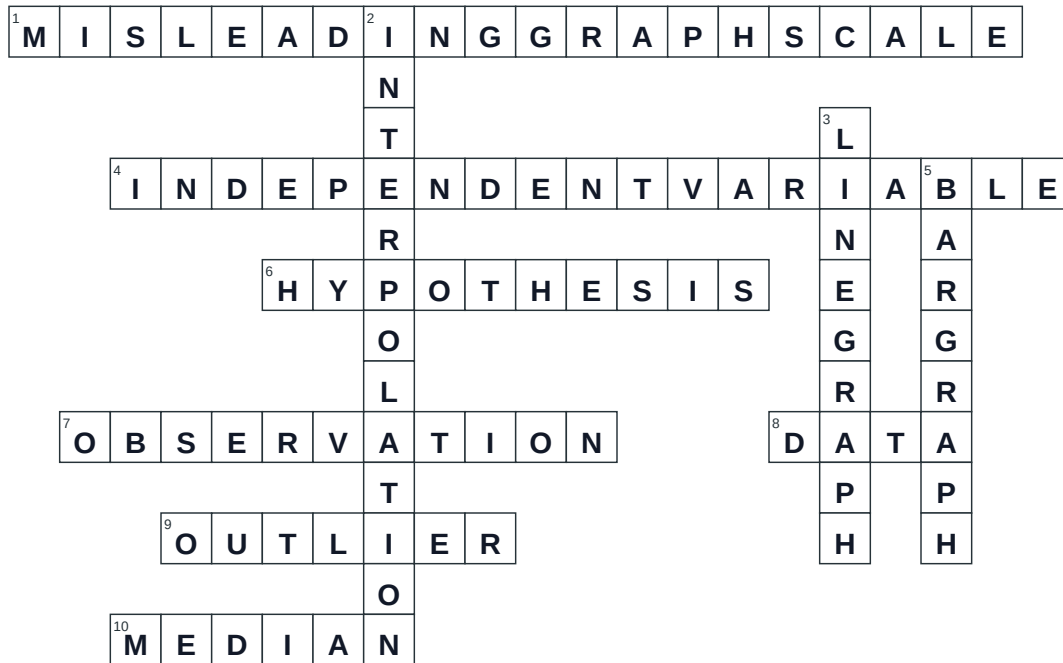
2. Estimating a value between measured data points
3. Graph often used to show how a quantity changes over an ordered interval
5. Graph used to compare values across categories

Data and Graphs 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. Misleading Graph Scale
4. Independent Variable
6. Hypothesis
7. Observation
8. Data
9. Outlier

ACROSS (continued)

10. Median

DOWN

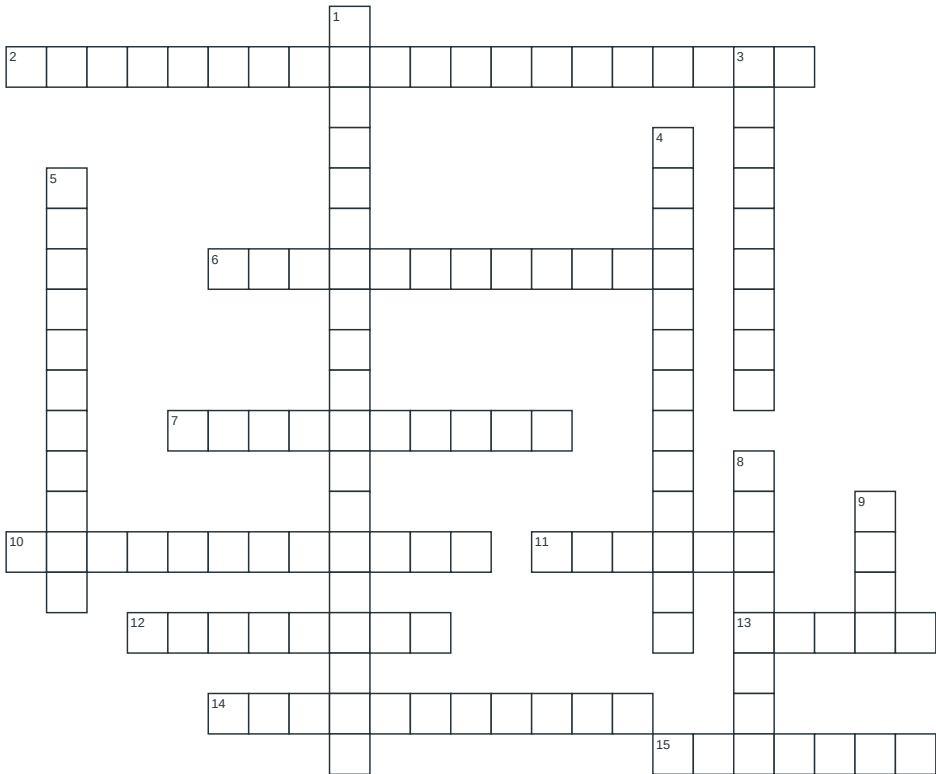
2. Interpolation
3. Line Graph
5. Bar Graph

Data and Graphs Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 2. The sample may not represent the whole school
- 6. Describes data expressed as numbers or measurements.
- 7. Testable proposed explanation or prediction.
- 10. Comparison group that does not receive the tested treatment.
- 11. Middle value in an ordered data set
- 12. Graph used to compare values across categories
- 13. One repetition of an experimental procedure.
- 14. Describes observations about qualities rather than numerical amounts.

ACROSS (continued)

- 15. Data value unusually far from the rest of a set
- DOWN

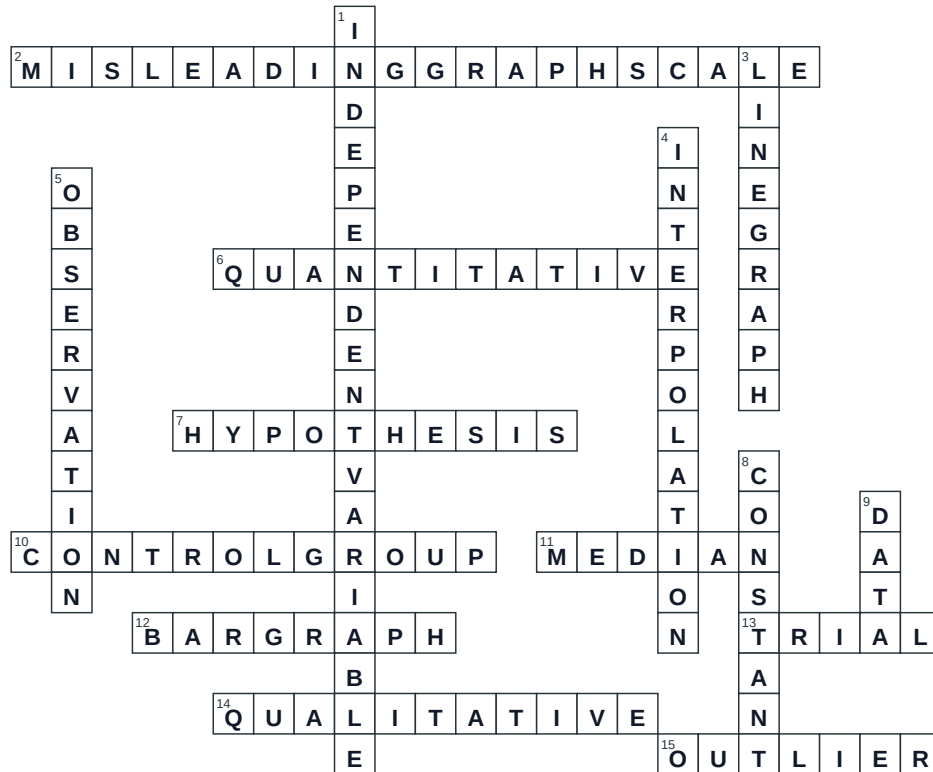
- 1. Factor deliberately changed by the investigator.
- 3. Graph often used to show how a quantity changes over an ordered interval
- 4. Estimating a value between measured data points
- 5. Information gathered with senses or scientific instruments.
- 8. Condition kept the same across comparison groups.
- 9. Recorded observations and measurements from an investigation.

Data and Graphs Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

- 2. Misleading Graph Scale
- 6. Quantitative
- 7. Hypothesis
- 10. Control Group
- 11. Median
- 12. Bar Graph
- 13. Trial
- 14. Qualitative

ACROSS (continued)

- 15. Outlier
- ### DOWN
- 1. Independent Variable
 - 3. Line Graph
 - 4. Interpolation
 - 5. Observation
 - 8. Constant
 - 9. Data

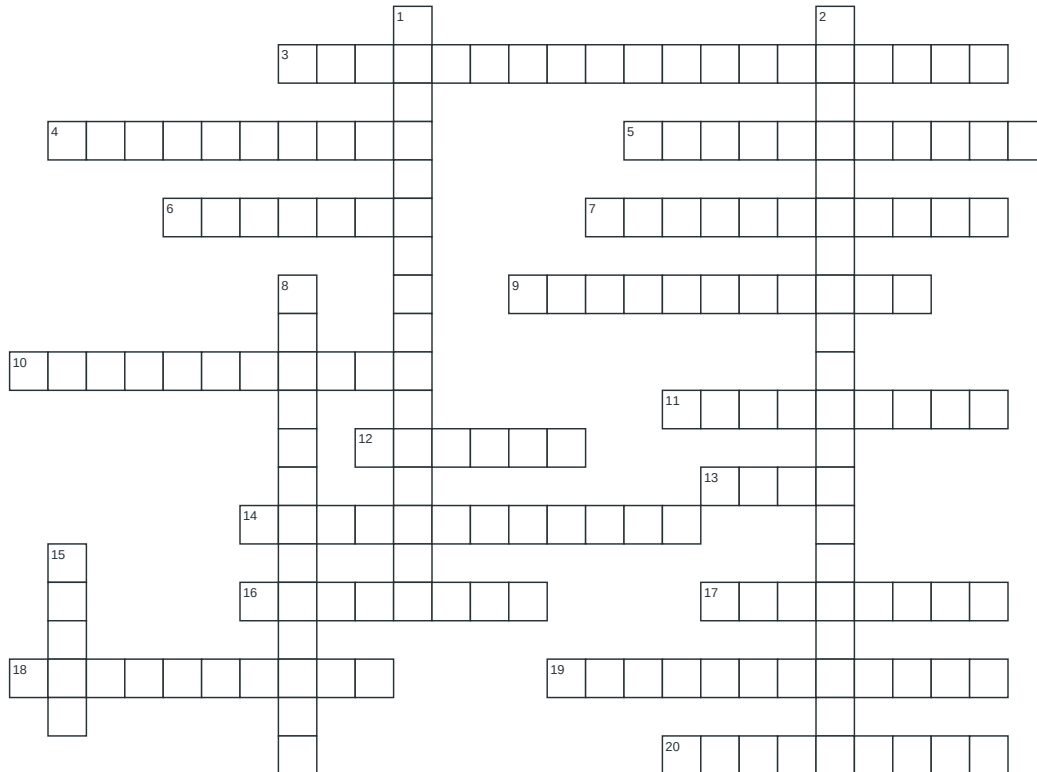
Data and Graphs Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

3. Factor deliberately changed by the investigator.
4. Testable proposed explanation or prediction.
5. Relationship in which variables change together; alone it does not prove cause.
6. Data value unusually far from the rest of a set
7. Describes observations about qualities rather than numerical amounts.
9. Repeating an investigation to check whether results are consistent.
10. Information gathered with senses or scientific instruments.
11. Graph often used to show how a quantity changes over an ordered interval
12. Middle value in an ordered data set
13. Recorded observations and measurements from an investigation.

ACROSS (continued)

14. Comparison group that does not receive the tested treatment.
16. Graph used to compare values across categories
17. Condition kept the same across comparison groups.
18. Number of individuals or observations included in a study.
19. Describes data expressed as numbers or measurements.
20. Ordered steps used to carry out an investigation.

DOWN

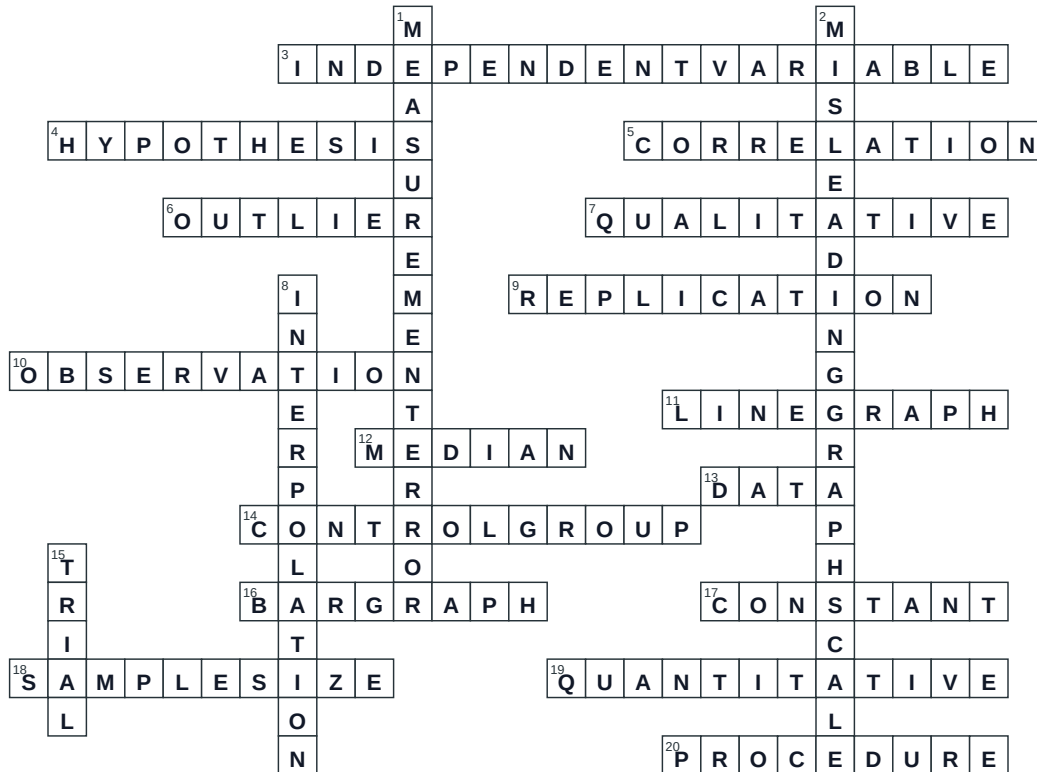
1. Difference between a measured value and the quantity's true value.
2. The sample may not represent the whole school
8. Estimating a value between measured data points
15. One repetition of an experimental procedure.

Data and Graphs Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

3. Independent Variable
4. Hypothesis
5. Correlation
6. Outlier
7. Qualitative
9. Replication
10. Observation
11. Line Graph
12. Median
13. Data
14. Control Group

ACROSS (continued)

16. Bar Graph
17. Constant
18. Sample size
19. Quantitative
20. Procedure

DOWN

1. Measurement Error
2. Misleading Graph Scale
8. Interpolation
15. Trial