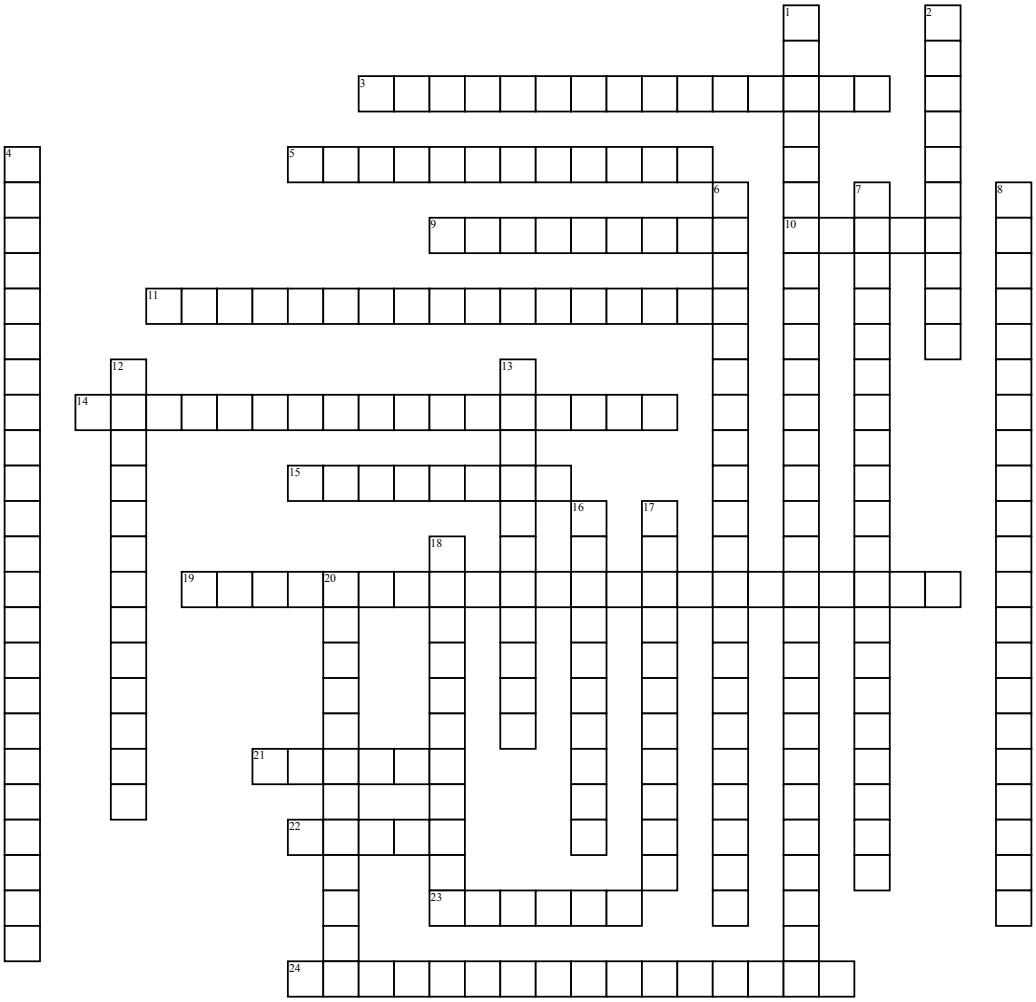
Name: _____ Date: _____ Period: _____

Math Crossword Puzzle



Across

3. the outcome of one event affects the outcome of another

5. sampling method that produces results that systematically differ from the truth about the population is said to be biased

9. steps in reasoning

10. A set of possible outcomes resulting from a particular experiment

11. An event that is not affected by other events

14. displays the five-number summary of a set of data

15. A possible result of an experiment

19. probability that is determined on the basis of reasoning

21. an outcome of a random experiment

22. the difference between the lowest and highest values

23. a single performance of well-defined experiment

24. a value that attempts to describe a set of data by identifying the central position of the data set

Down

1. a way to figure out the number of outcomes in a probability problem

2. The process of imitating a real phenomenon with a set of mathematical formulas

4. probability that is determined on the basis of the results of an experiment repeated many times

6. a summary statistic that represents the amount of dispersion in a dataset

7. a type of statistical sampling that allows us to use data from a sample to make conclusions that are representative for the population from which the sample is taken.

8. average distance between each data value and the mean

12. one in which there is more than one possible outcome

13. used to represent a probability space

16. total set of observations that can be made

17. branch of mathematics concerning numerical descriptions of how likely an event is to occur, or how likely it is that a proposition is true

18. an event that has a single outcome

20. member of a population is equally likely to be selected

Word Bank

representative sample
event
fundamental counting principle
range
sample
independent events
simple event
theoretical probability
dependent events
mean absolute deviation
trials
box and whisker plot
inference
population
random sample
tree diagram
experimental probability
compound event
measures of center
measures of variability
simulation
outcomes
biased sample
probability

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