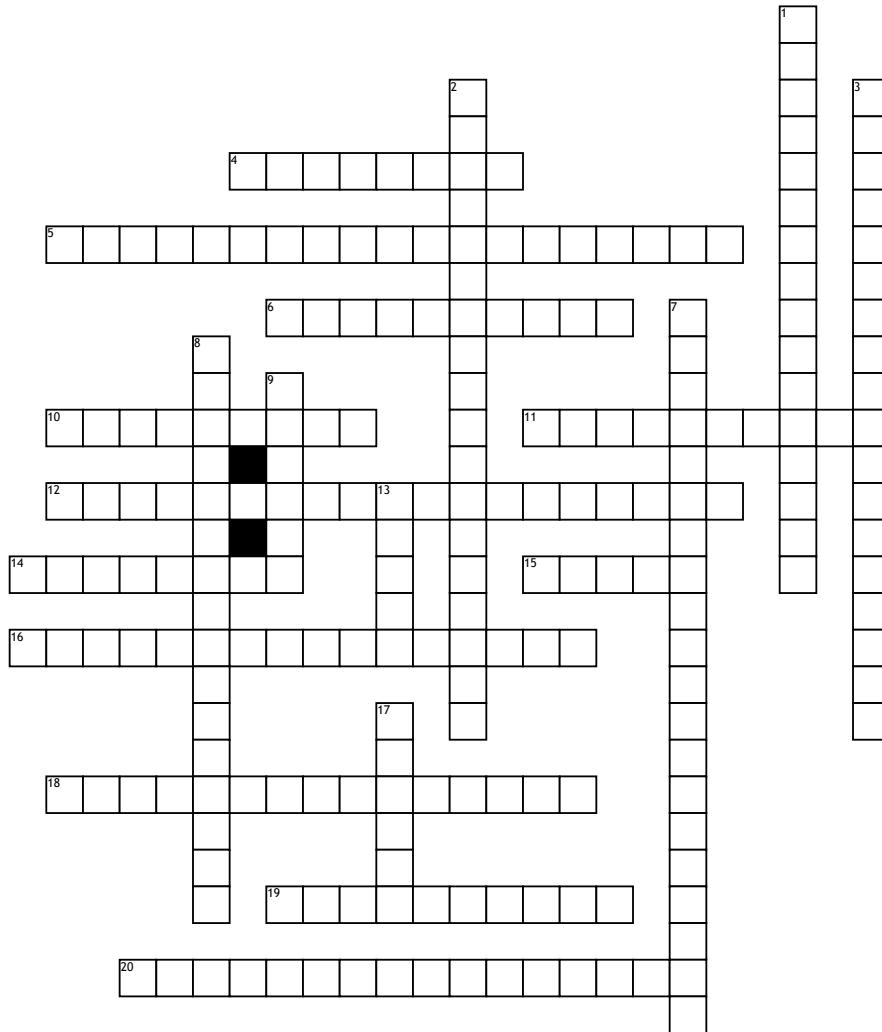


Math Crossword Puzzle



Across

- 4. between two sets is a collection of ordered pairs containing one object from each set.
- 5. a sequence of numbers such that the difference between the consecutive terms is constant
- 6. the slope is the number "m" that is multiplied on the x, and "b" .
- 10. is a value that you get closer and closer to, but never quite reach.
- 11. A graphical display where the data is grouped into ranges and then plotted as bars.
- 12. Entries in the "Total" row and "Total" column.

- 14. A relation or expression involving one or more variables.
- 15. x is the...
- 16. is the ratio of the frequency in a particular category and the total number of data values.
- 18. A table that lists a set of scores and their frequency.
- 19. a point where a line, curve, or surface intersects the x-axis.
- 20. allows the x-values to be only certain points in the interval, usually only integers or whole numbers.

Down

- 1. is the way a function is written.

- 2. is a sequence of numbers where each term after the first is found by multiplying the previous one by a fixed, non-zero number called the common ratio.
- 3. is a function for which sufficiently small changes in the input result in arbitrarily small changes in the output.
- 7. where x is a variable, and a is a constant called the base of the function.
- 8. It defines the sequence as a formula in terms of n.
- 9. A function is the complete set of possible values of the independent variable.
- 13. The difference between the lowest and highest values.
- 17. Y is the...

Word Bank

- | | | | |
|----------------------|-----------------------|------------------|----------------------|
| Arithmetic Sequences | Geometric sequences | Frequency Tables | Explicit Formulas |
| Relation | Joint Frequencies | Input | Discrete Function |
| Continuous Function | Function Notation | X-intercept | Output |
| Range | Y- intercept | Function | Asymptote |
| Histograms | Exponential Functions | Domain | Marginal Frequencies |