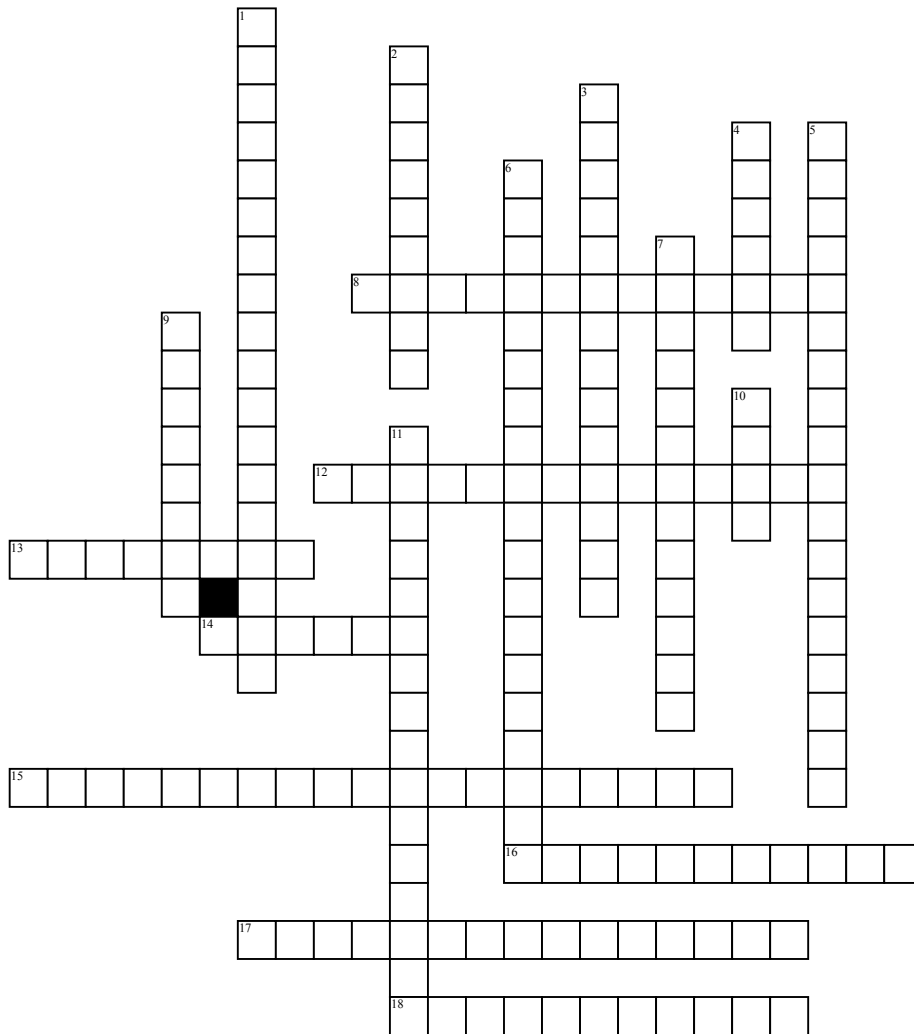


math crossword puzzle



Across

- 8. you are joining one variable from the row and one variable from the column.
- 12. a four sided figure
- 13. A point on a line segment that divides it into two equal parts
- 14. place the numbers in value order and find the middle number
- 15. The change in the value of a quantity divided by the elapsed time
- 16. the set of all x 's, such that x is greater than 0"
- 17. because as long as it's applied correctly, the n th term can be determined. Slope

18. a polynomial function is the behavior of the graph of $f(x)$ as x approaches positive infinity or negative infinity.

Down

- 1. is a sequence of numbers indexed by an integer and generated by solving a recurrence equation
- 2. is a value that you get closer and closer to, but never quite reach
- 3. a particular data value is the number of times the data value occurs.
- 4. is the set of all possible x -values which will make the function "work", and will output real y -values

5. 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.

- 6. a sequence of numbers such that the difference between the consecutive terms is constant
- 7. A flat shape with 4 straight sides where opposite sides are parallel
- 9. a collection of ordered pairs containing one object from each set
- 10. is the average of the numbers: a calculated "central" value of a set of numbers
- 11. is the ratio of the sum of the joint relative frequency in a row or column and the total number of data values.

Word Bank

- | | | | |
|---------------------|------------------------|---------------------|----------------|
| geometric sequences | arithmetic sequences | parallelogram | set notation |
| end behavior | quadrilaterals | recursive sequences | domain |
| frequency table | median | relation | joint relative |
| midpoint | average rate of change | marginal relative | mean |
| explicit formula | asymptote | | |