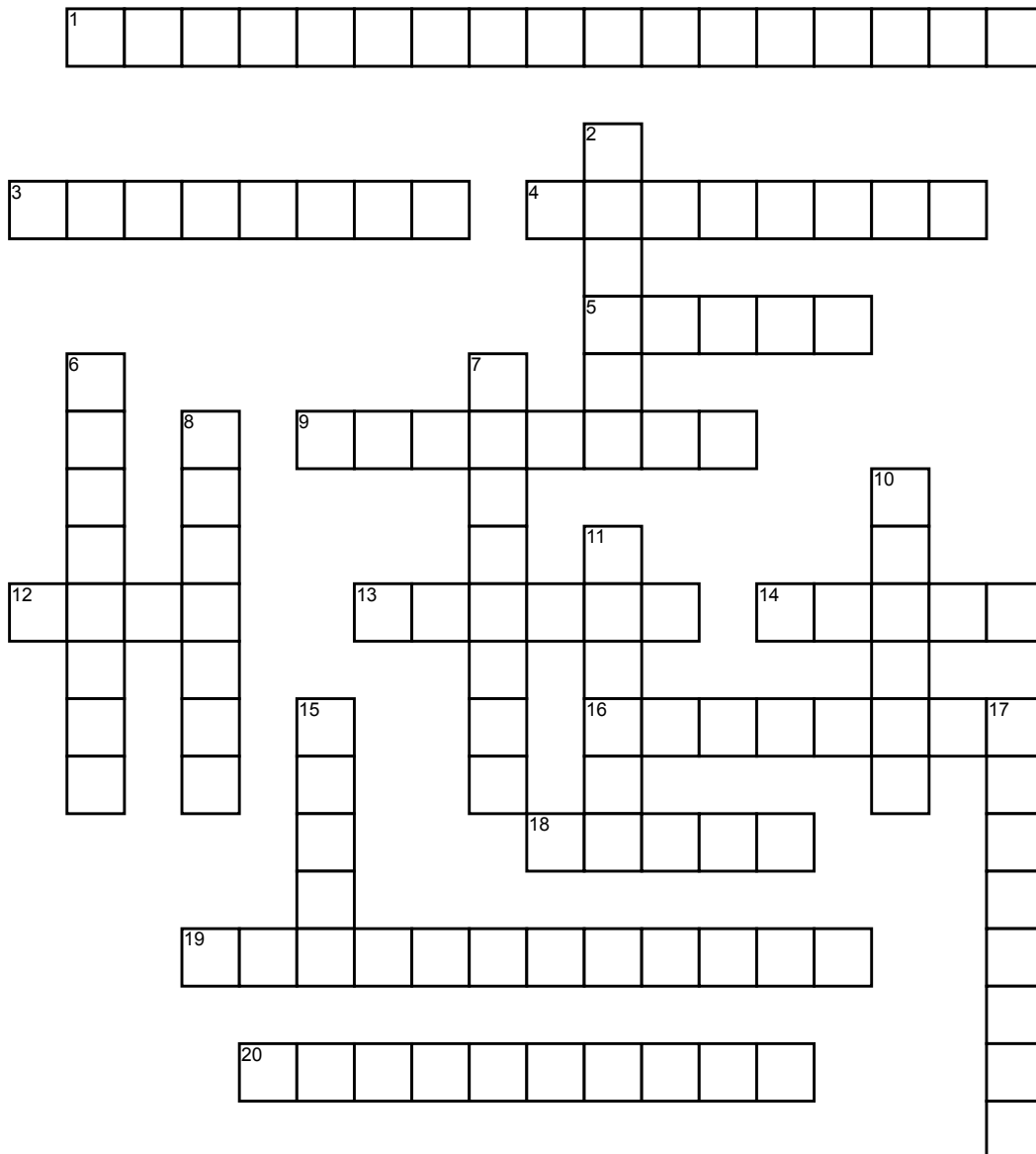


MATH



Across

- 1. $y = mx + b$
- 3. The locus of points such that the distance to the directrix
- 4. Is a number on its own, or sometimes a letter such as a, b or c to stand for a fixed number
- 5. Leads to exactly one output
- 9. Ordered collection of objects in which repetitions are allowed
- 12. A line in the plane containing the x and y axes is generally represented by the letter "m"
- 13. Each input leads to exactly one output
- 14. Is the integer denoted 0 that, when used as a counting number, means that no objects are present

16. Integers, graphs, and statements in logic

- 18. Of a function is the complete set of all possible resulting values of the dependent variable
- 19. Of an equation gives an idea of the number of roots and the nature of roots of the equation
- 20. An equation that uses symbols for "less than" (<) and "greater than" (>) where an equation uses a symbol for "is equal to" (=)

Down

- 2. Set of x-values that give rise to real y-values
- 6. Two lines that are always the same distance apart and never touch
- 7. Special relationship where each input has a single output

- 8. A mathematical relation that each element of a given set the domain of the function is associated with an element of another set the range of the function
- 10. Is a point where two or more straight lines meet
- 11. A small molding, as a fillet
- 15. Of a number x is another number, which when multiplied by itself a given number of times, equals x
- 17. A statement that the values of two mathematical expressions are equal