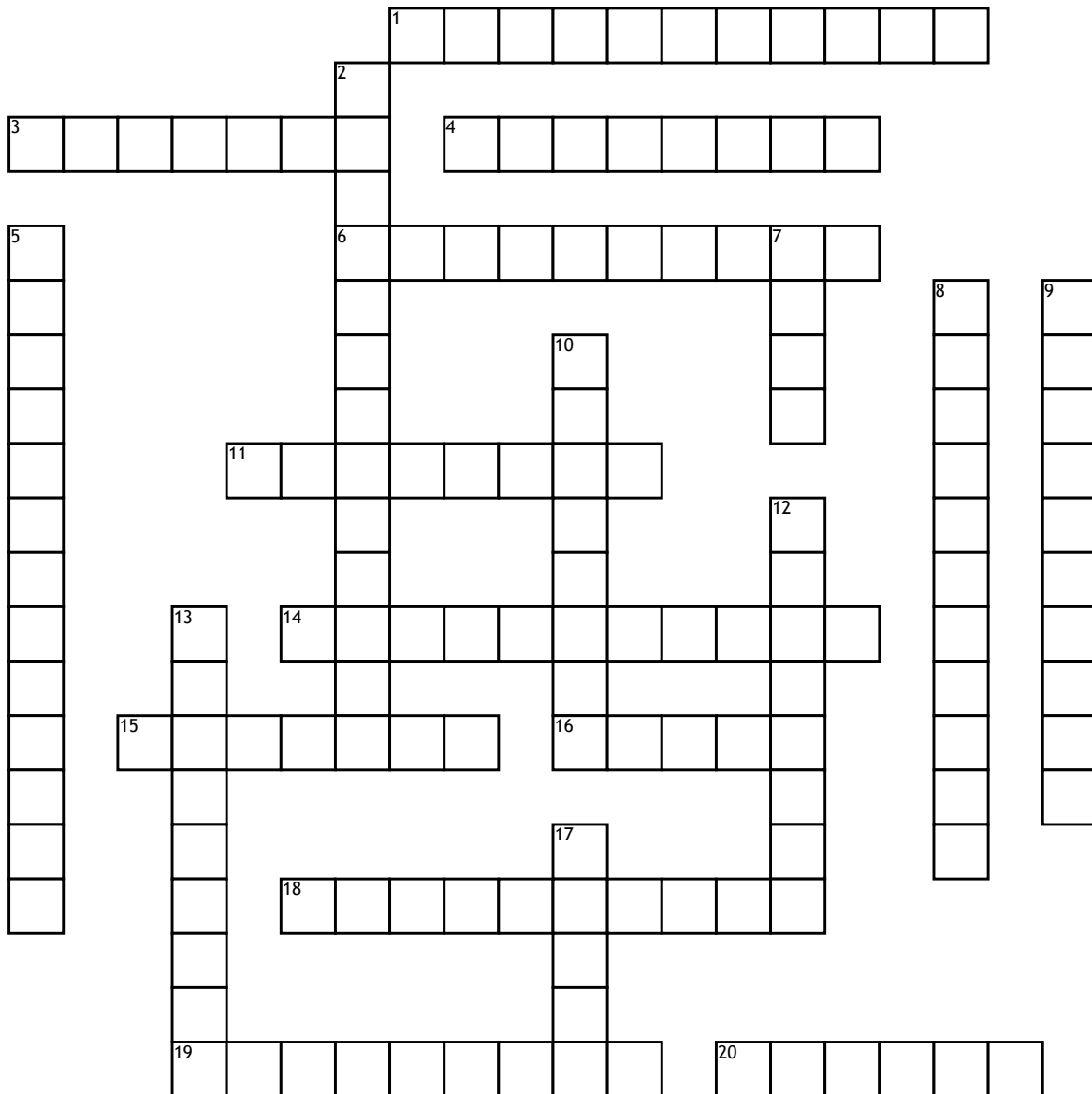


mathematic puzzle



Across

- 1. The likelihood of an event happening.
- 3. A rule that describes the relationship of two or more variables. An equation stating the rule
- 4. A point that is exactly half way between two set points.
- 6. acute angle
- 11. The multiple of a number is the product of the number and any other whole number
- 14. A term used in geometry. Often called a slide. The figure or shape is moved from each point of the figure/shape in the same direction and distance
- 15. decimal

- 16. The slope shows the steepness or incline of a line, determined from two points on the line.
- 18. A mathematical equation containing either a greater than, less than or not equal to symbols
- 19. The top number in a fraction. In $1/2$, 1 is the numerator and 2 is the denominator. The numerator is the portion of the denominator.
- 20. degree

Down

- 2. A quadrilateral that has both sets of opposite sides that are parallel.
- 5. circumference
- 7. A straight infinite path joining an infinite number of points. The path can be infinite in both directions
- 8. Coefficient

- 9. The longest side of a right angled triangle. Always the side that's opposite of the right angle
- 10. calculus
- 12. The study of lines, angles, shapes and their properties. Geometry is concerned with physical shapes and the dimensions of the objects.
- 13. Refers to either addition, subtraction, multiplication or division which are called the four operations in mathematics or arithmetic.
- 17. The relation between to quantities. Ratios can be expressed in words, fractions, decimals or percents.