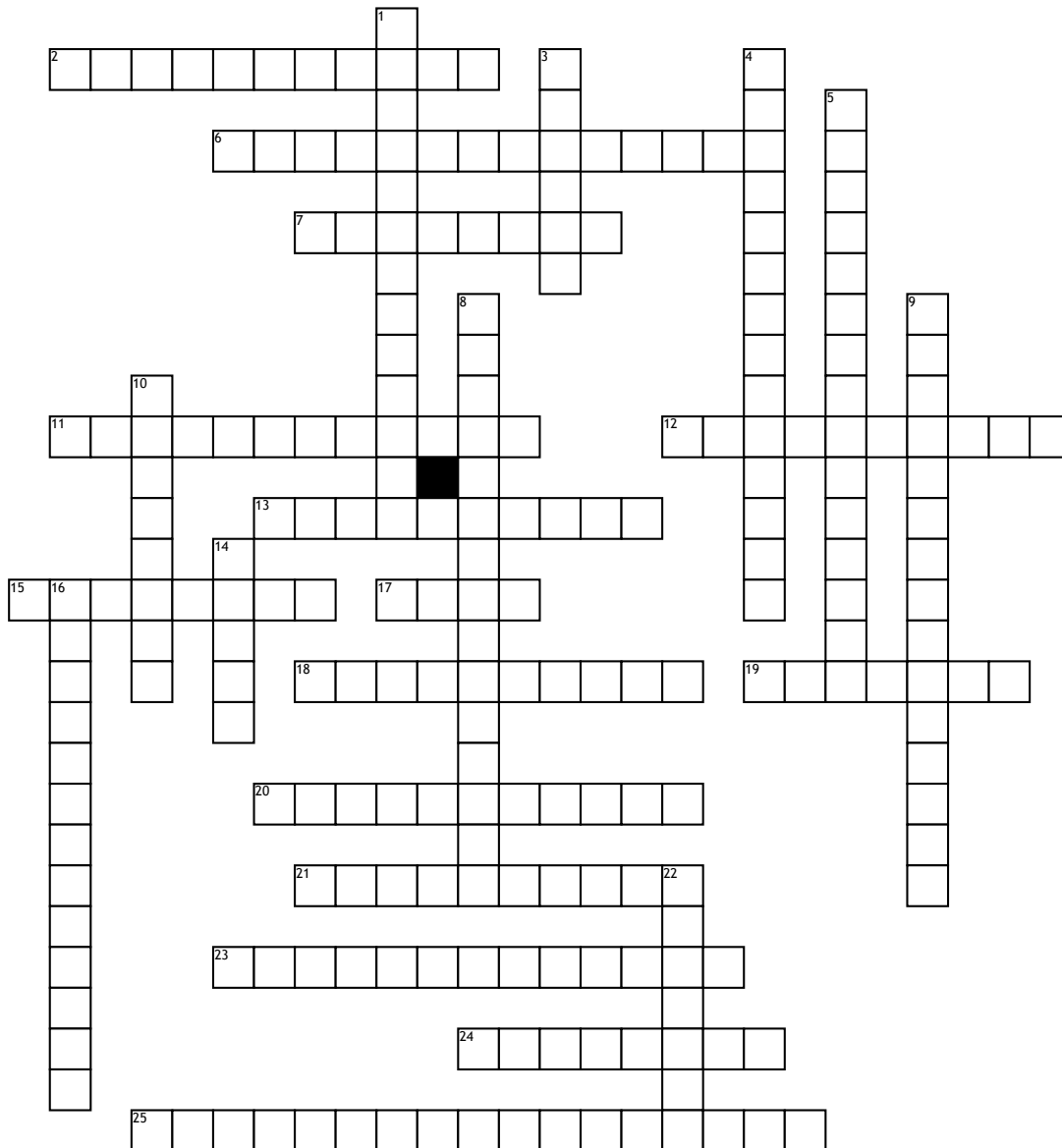


Math Word Puzzle



Across

2. -a factor of the term. x is the coefficient in the term $x(a + b)$ or 3 is the coefficient in the term $3y$.
6. -repeated addition.
7. -part of a whole.
11. -integers greater than 1 which are only divisible by themselves and 1
12. -positional notation for numbers, allowing the use of the same symbols for different orders of magnitude, e.g. the "one's place", "ten's place", "hundred's place", etc
13. -the ordered pair that gives the location or position of a point on a coordinate plane, determined by the point's distance from the x and y axes, e.g. $(2, 3.7)$ or $(-5, 4)$
15. -bringing two or more numbers (or things) together to make a new total.
17. -the Average and sum divided by the count.
18. -a line on which all points correspond to real numbers (a simple number line may only mark integers, but in theory all real numbers to \pm infinity can be shown on a number line)

19. -a rule or equation describing the relationship of two or more variables or quantities, e.g. $A = \pi r^2$
20. -taking one number away from another.
21. -parts per 100. The symbol is %
23. -a number expressed as an ordered pair comprising a real number and an imaginary number, written in the form $a + bi$, where a and b are real numbers, and i is the imaginary unit (equal to the square root of -1)
24. -whole numbers, both positive (natural numbers) and negative, including zero
25. -a fraction whose denominator contains a fraction, whose denominator in turn contains a fraction, etc, etc

Down

1. -number that contains a Decimal Point.
3. -a number that will divide into another number exactly, e.g. the factors of 10 are 1, 2 and 5
4. -an algebraic equation in which each term is either a constant or the product of a constant and the first power of a single variable, and whose graph is therefore a straight line, e.g. $y = 4$, $y = 5x + 3$

5. -a number with at least one other factor besides itself and one, i.e. not a prime number
8. -a plane with two scaled perpendicular lines that intersect at the origin, usually designated x (horizontal axis) and y (vertical axis)
9. -any integer, ration or real number which is less than 0, e.g. -743 , -1.4 , $-\sqrt{5}$ (but not -1 , which is an imaginary or complex number)
10. -splitting into equal parts or groups.
14. -the ratio of a circumference of a circle to its diameter, an irrational (and transcendental) number approximately equal to 3.141593...
16. -a real number which expresses fractions on the base 10 standard numbering system using place value, e.g. $37/100 = 0.37$
22. -a member of, or an object in, a set