Marcus paige

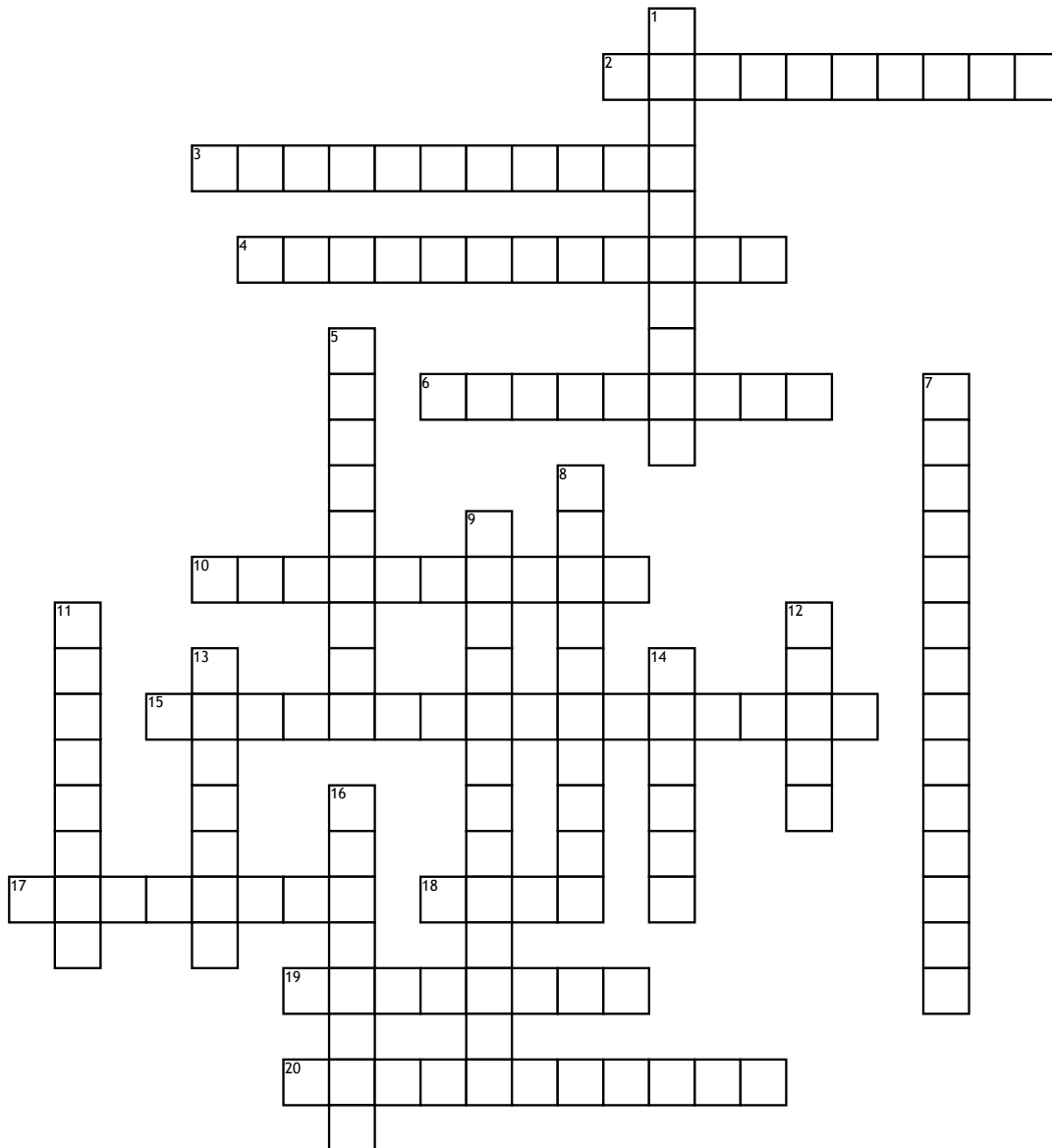**Across**

2. the point where the line crosses the vertical y-axis

3. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression

4. a function of an angle, or of an abstract quantity, used in trigonometry, including the sine, cosine, tangent, cotangent, secant, and cosecant, and their hyperbolic counterparts.

6. the maximum extent of a vibration or oscillation, measured from the position of equilibrium.

10. the x-coordinate of a point where a line, curve, or surface intersects the x-axis.

15. the angle from the horizontal upward to an objec

17. the slope of a horizontal line

18. the number of different digits or combination of digits and letters that a system of counting uses to represent numbers.

19. a whole number that can be positive, negative, or zero.

20. the behavior of the graph of f(x) as x approaches positive infinity or negative infinity.

Down

1. to multiply each of the terms within the parentheses by another term that is outside the parentheses

5. a line that continually approaches a given curve but does not meet it at any finite distance

7. two angles that have a common vertex and a common side.

8. The longest side of a right triangle

9. a triangle whose three angles are all smaller than 90 degrees.

11. a circle is any straight line segment that passes through the center of the circle and whose endpoints lie on the circle

12. the 'steepness' of the line, also commonly known as rise over run.

13. opposite operations.

14. a rectangular array of numbers, symbols, or expressions, arranged in rows and columns.

16. a quantity representing the power to which a given number or expression is to be raised, usually expressed as a raised symbol beside the number or expression