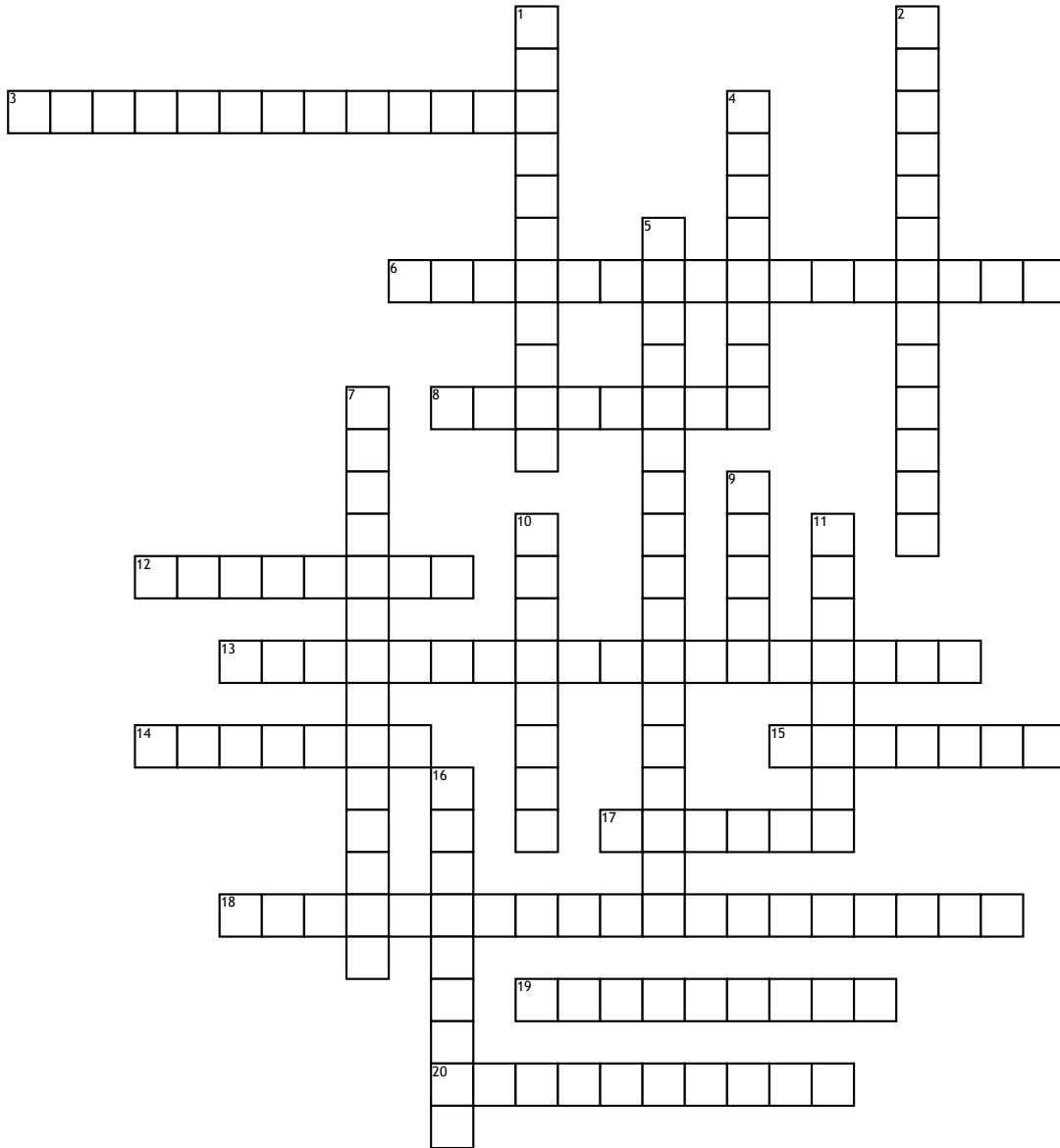


Algebra 1 Crossword Puzzle



Across

- 3. The product of a rational number multiplied by itself
- 6. $f(x)=mx+b$
- 8. Terms or expression with no variable
- 12. A graph using parallel bars of varying lengths, as to illustrate comparative costs, exports, birth-rates, etc.
- 13. Difference between first and third quartile of a set of data
- 14. Place where the graph has a vertex at its highest point
- 15. Place where the graph has a vertex at its lowest point

17. Point where the -axis and y-axis intersect (0,0)

- 18. Any function of the form $y = ba^x$, where a and b are positive constants
- 19. The act or process of separating an equation, formula, cryptogram, etc., into its component parts
- 20. A mathematical sentence made using one or more of the following symbols: $<$, $>$, \leq , \geq

Down

- 1. A number or quantity placed (generally) before and multiplying another quantity, as 3 in the expression $3x$
- 2. The distance a number is from zero

- 4. The number that tells how much to multiply another number by (y^x)
- 5. A graphic representation of a distribution by a rectangle, the ends of which mark the maximum and minimum values
- 7. $y+mx=b$
- 9. Complete set of possible values of the independent variable
- 10. A statement that the values of two mathematical expressions are equal (indicated w/=)
- 11. Transformation that changes the size of a figure
- 16. Straight line that best represents data on a scatter plot