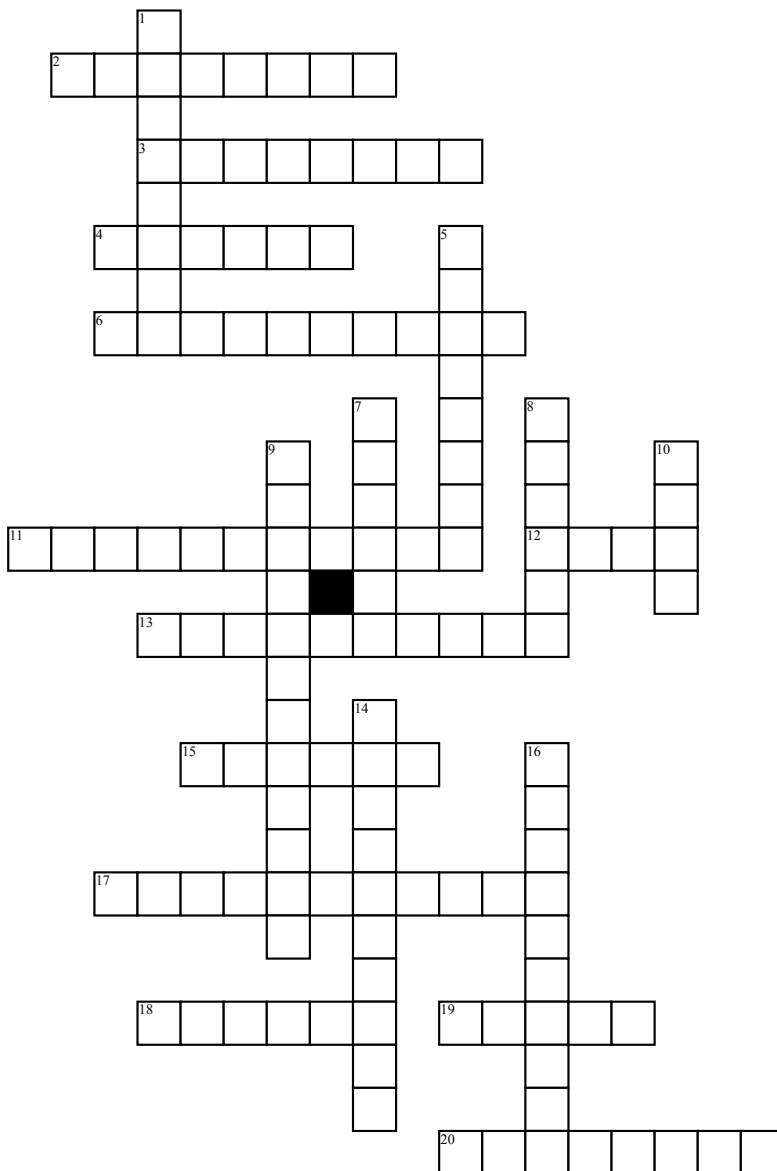


8th Grade Math Vocabulary



Across

- 2. $4x + 2 = 7x - 7$ is an example of one.
- 3. K is used to represent the _____ of proportionality.
- 4. A _____ equation is an equation that forms a straight line when graphed.
- 6. A mathematical statement that shows that the values are not equal by using a $<$ or $>$
- 11. Used for right triangles, $a^2 + b^2 = c^2$ is called the _____ Theorem.
- 12. B in a formula stands for the _____ of a base.
- 13. The longest side of a right triangle

15. A proportional relationship passes through this point.

- 17. The amount of space it takes to cover the outside of a three-dimensional figure; the sum of the area of a net
- 18. The measurement of the amount of space inside a three-dimensional figure
- 19. The ratio of the change in the vertical units to the change in the horizontal units
- 20. A change in the size, but not the shape, of a figure.

Down

1. A type of relation where each value of the input is paired with exactly one value of the output; "no cheating xs"

5. When a figure is turned about the origin, it is called a _____.

- 7. The volume of a _____ is given by the formula $V = \frac{4}{3}\pi r^3$.
- 8. Surface area is always given in _____ units.
- 9. Direct variation is another way of saying that the relationship is _____ and passes through the origin.
- 10. The set of all number are called the _____ numbers.
- 14. The place where a line crosses the y-axis
- 16. A number like pi that is a decimal that never ends and never repeats is _____.