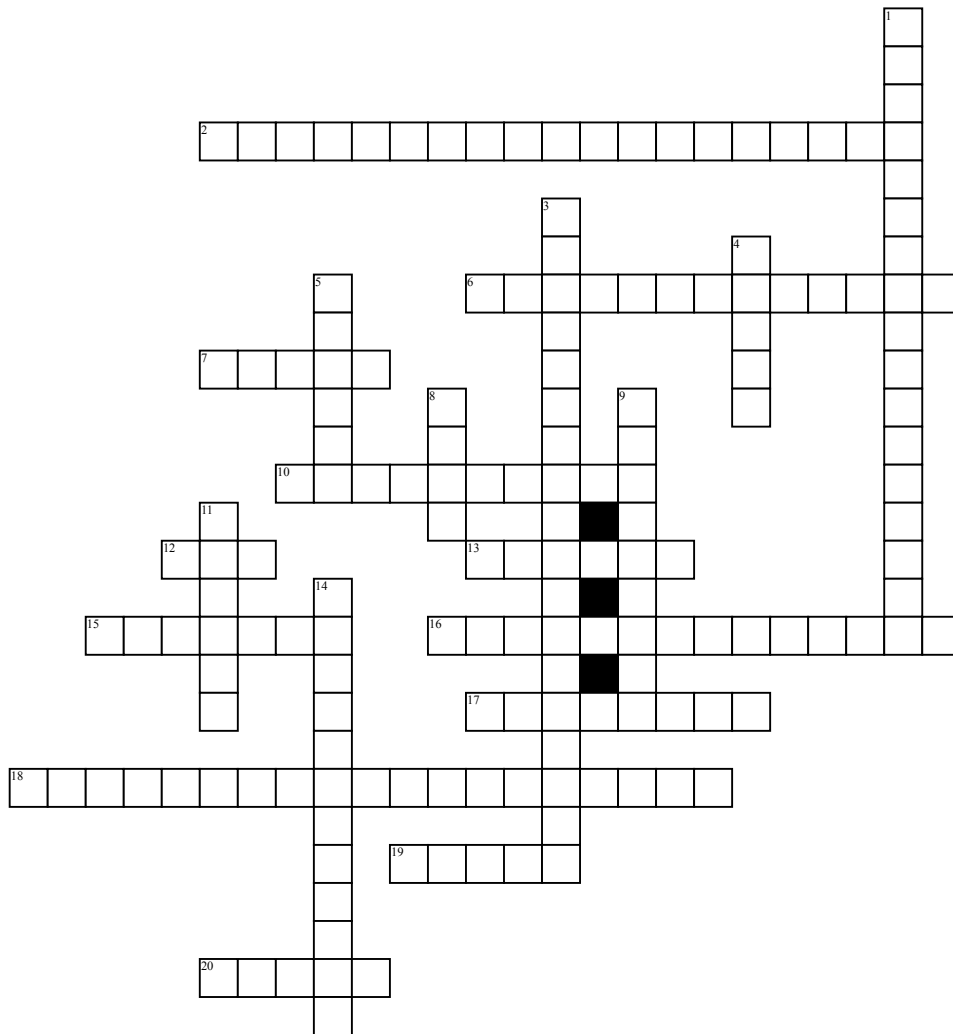


# Geometry Crossword Puzzle



**Across**

- 2. When two angles add up to 90 degrees. They don't have to be next to each other, as long as they equal 90.
- 6. Two lines that have the same slope. These lines never touch.
- 7. The figure formed by two rays. They share a common endpoint.
- 10. A type of transformation that creates a mirror image. The mirror image and preimage are congruent.
- 12. A line with a single endpoint. The line extends infinitely in one direction.
- 13. A quadrilateral that has four equal sides and angles. It contains two adjacent sides.
- 15. When two figures have the same shape but not the same size. They have corresponding angles that are equal.

- 16. Two angles that have a common side and common vertex. These angles never overlap.
- 17. A transformation in which the figure is the same shape but different size. The figure can shrink or stretch.
- 18. Two angles that add up to 180 degrees. Together they make a straight angle.
- 19. Common leg of two angles. They are located in the two vertices of a triangle.
- 20. A line segment on the interior of a circle. Contains both endpoints on a circle.

**Down**

- 1. A triangle with two sides that are the same length. The two sides have the same measurement while the third side doesn't.
- 3. Lines that meet at a 90 degree angle. These lines have slopes with negative reciprocals.

- 4. A number that measures the steepness of a line. This is usually referred as the letter m.
- 5. The amount of space that a solid occupies. It's units are always cubic.
- 8. The amount of space inside of a flat object. The object can be a circle, triangle or any other shape.
- 9. When two objects or figures have the same size and shape. You can turn, flip or slide the figure.
- 11. A straight line that extends from the center of a circle to the circumference. Also, known as the circle's length.
- 14. The study of triangles. This study also involves measurements of angles, sides and lengths.

**Word Bank**

- |                      |                      |              |                 |
|----------------------|----------------------|--------------|-----------------|
| Perpendicular Lines  | Congruent            | Angle        | Slope           |
| Radius               | Chord                | Reflection   | Area            |
| Dilation             | Isosceles Triangle   | Trigonometry | Volume          |
| Similar              | Square               | Ray          | Adjacent angles |
| Complementary angles | Supplementary angles | Sides        | Parallel lines  |