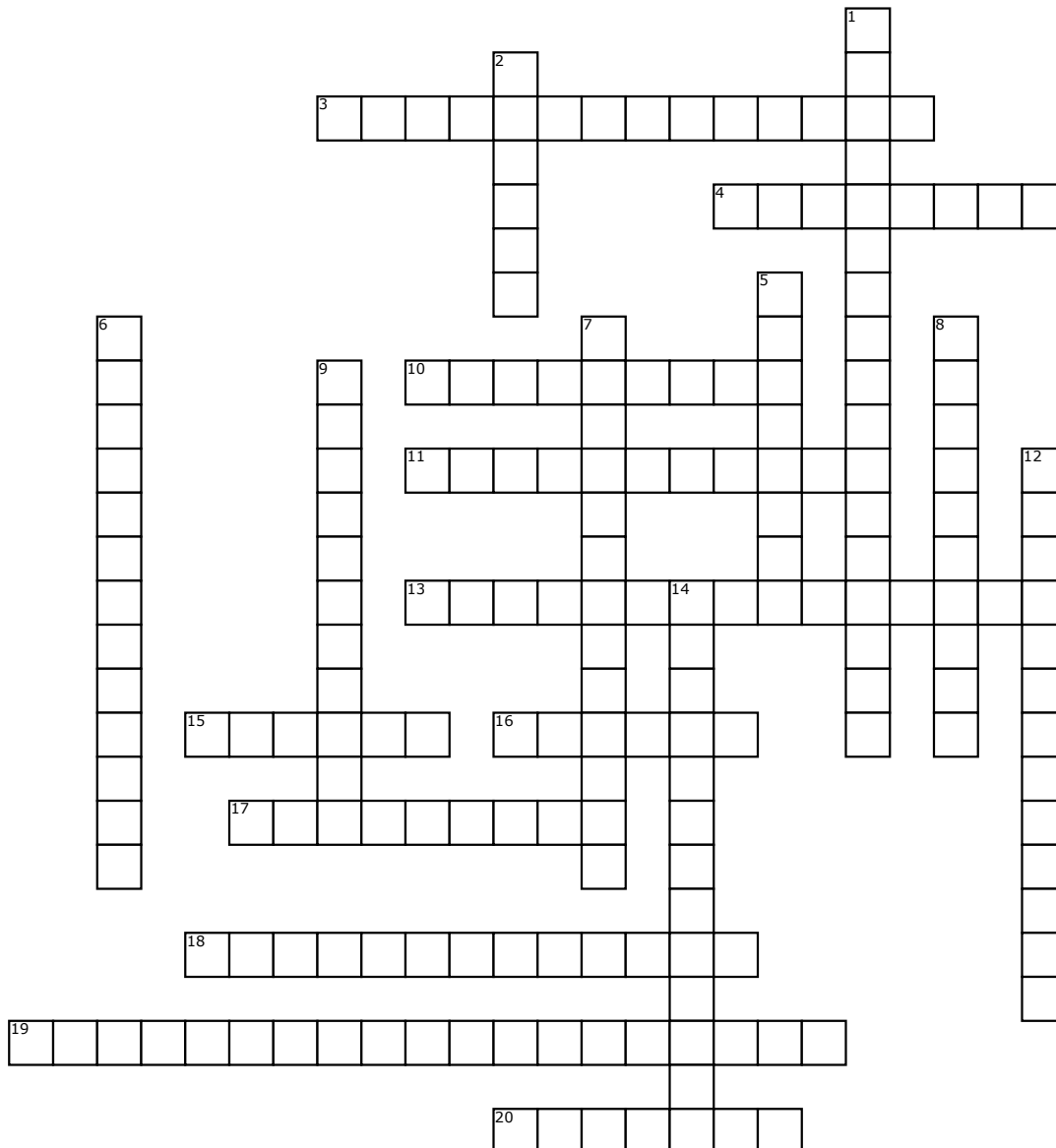


Geometry Crossword



Across

- 3.** Are points that line in the same plane.
- 4.** A type of transformation that changes the size of the image. (enlarge)
- 10.** A way of remembering how to compute the sine, cosine, and tangent of an angle.
- 11.** Portion of a line lying strictly between two points. It has a finite length and no width.
- 13.** Are points that lie on the same straight line.
- 15.** Ratio of the adjacent side to the hypotenuse of a right-angled triangle.
- 16.** The point where two sides meet.
- 17.** Two figures are congruent if all corresponding lengths are the same, and if all corresponding angles have the same measure.

- 18.** Type of average where we multiply the numbers together and then take a square root

- 19.** Two angles whose sum is 180 degrees.

- 20.** For an acute angle of a right triangle, the ratio of the measure of the leg opposite the acute angle to the measure of the leg adjacent to the acute angle.

Down

- 1.** States that if you have a right triangle, then the square built on the hypotenuse is equal to the sum of the squares built on the other two sides. $a^2 + b^2 = c^2$.

- 2.** Distance from the circle's center to a point on the circle, and is constant for a given circle.

- 5.** A segment that passes through the center and has its endpoints on the circle.

- 6.** An acute triangle is a triangle with all three angles less than 90° .

- 7.** Similarity test says that if two triangles have two pairs of sides that are proportional and the included angles are congruent, then the triangles are similar.

- 8.** A right triangle is the side of the triangle that is opposite to the right angle.

- 9.** The figure or shape is moved from each point of the figure/shape in the same direction and distance.

- 12.** states that if the three sides of one triangle have the same lengths as the three sides of another triangle, then the two triangles are congruent.

- 14.** The supplement of an interior angle of a polygon.