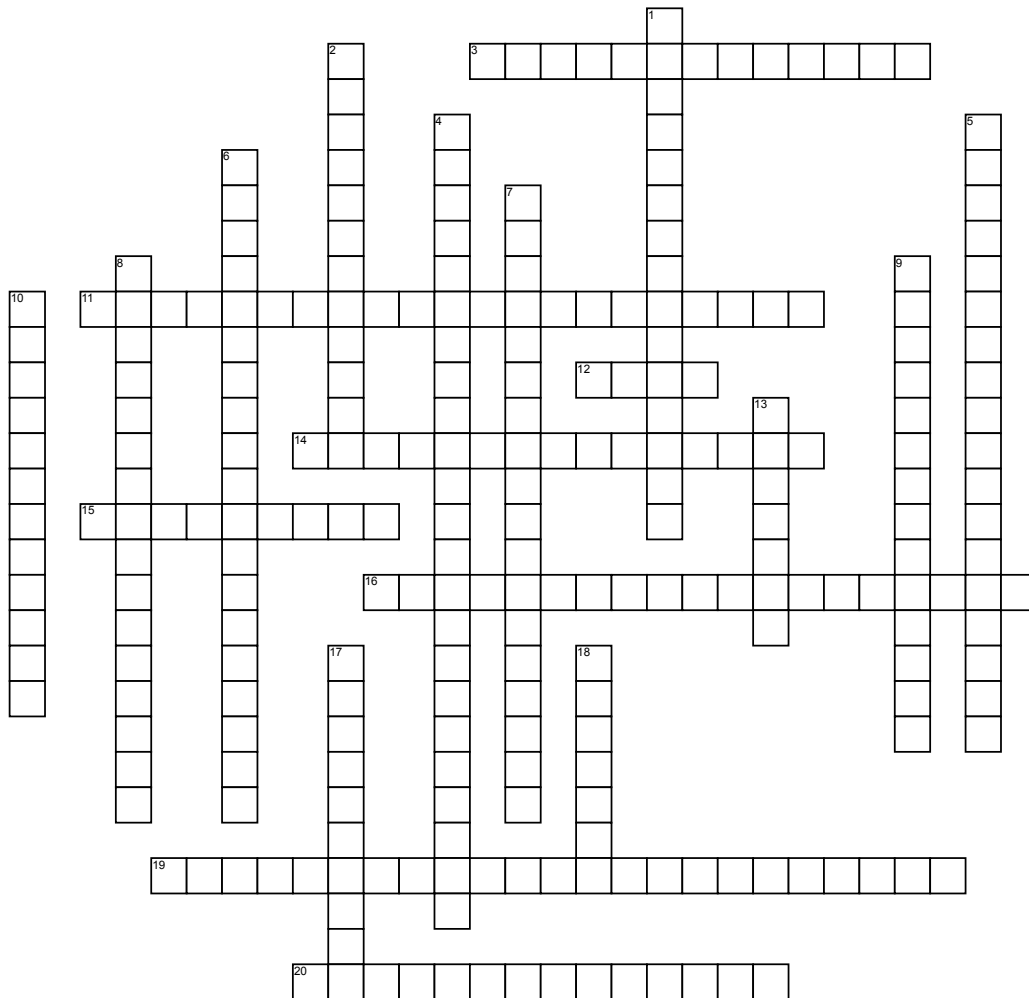


Geometry Terms



Across

- 3. Two right triangles are congruent if the hypotenuse and one corresponding leg are equal in both triangles
- 11. relates the measure of an inscribed angle to that of the central angle subtending the same arc
- 12. the trigonometric function that is equal to the ratio of the side opposite a given angle to the hypotenuse.
- 14. a mean or average, which indicates the central tendency or typical value of a set of numbers by using the product of their values
- 15. a transformation that produces an image that is the same shape as the original

- 16. the angles which occupy the same relative position at each intersection where a straight line crosses two others
- 19. When two lines are crossed by another line a pair of angles, on the inner side of each of those two lines
- 20. each of the pairs of opposite angles made by two intersecting lines.

Down

- 1. the smallest angle between the terminal side and the x-axis
- 2. It is the longest side in a right triangle.
- 4. pair of angles on the outer side of each of those two lines but on opposite sides of the transversal
- 5. states that the sum of the interior angles of any triangle will equal 180 degrees

- 6. the technique of using similar figures and proportions to find a measure
- 7. the angle between a reflected ray and the normal drawn at the point of incidence to a reflecting surface
- 8. The angle between a line and the x-axis
- 9. Two figures that have the same shape are said to be similar
- 10. Two lines that meet at a polygon vertex
- 13. A line which touches a circle or ellipse at just one point
- 17. The longest side of a right triangle
- 18. the trigonometric function that is equal to the ratio of the side adjacent to an acute angle to the hypotenuse.

Word Bank

- | | | | |
|---------------------------|-------------------------|----------------------|---------------------------|
| opposite side | Corresponding angles | Angle of Incidence | Dilation |
| Alternate Exterior Angles | tangent | hypotenuse leg | reference angles |
| geometrical mean | inscribed angle theorem | triangle sum theorem | angle of reflections |
| Adjacent Side | sine | cosine | alternate interior angles |
| indirect measurement | Vertical Angles | Hypotenuse | Similar figures |