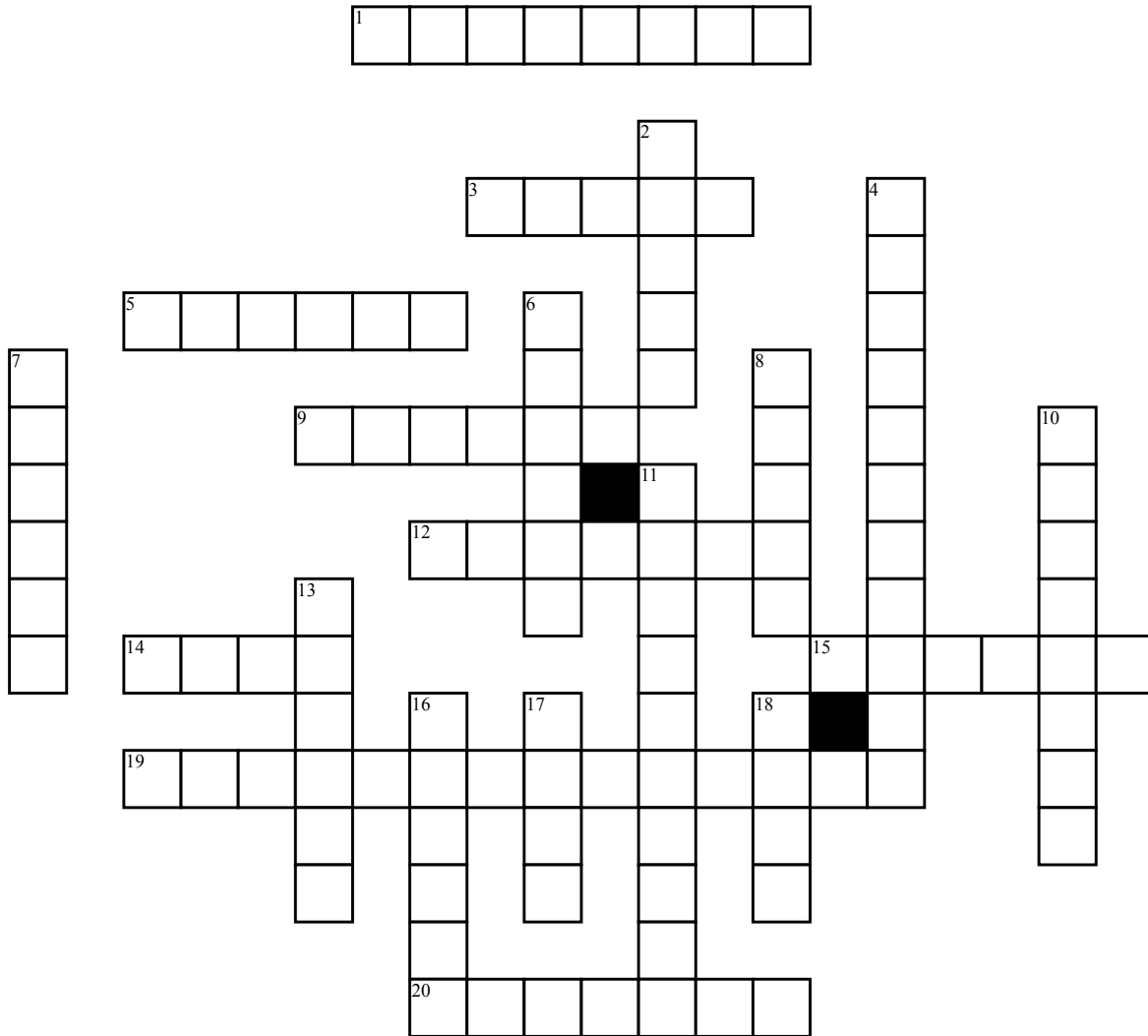


# Geometry Vocab.



**Across**

- 1. The statement formed by exchanging the hypothesis and conclusion of a conditional statement
- 3. process of using a rational, systematic series of steps based on sound mathematical procedures and given statements to arrive at a conclusion.
- 5. A parallelogram with four congruent sides and four right angles
- 9. An angle with measure between 90 degrees and 180 degrees
- 12. A trigonometric ratio, abbreviated as tan
- 14. extends in both directions without an end point

- 15. The set of all points in a plane that are equidistant from a given point
- 19. The equivalent statement formed by negating the hypothesis and conclusion of the converse of a conditional statement
- 20. A line with two endpoints

**Down**

- 2. An angle with measure equal to 90 degrees
- 4. A line in the plane of a circle that intersects the circle in exactly one point
- 6. A trigonometric ratio, abbreviated as cos
- 7. A line that intersects a circle in two points

- 8. An angle with measure between 0 degrees and 90 degrees
- 10. Lines that do not intersect and are not coplanar
- 11. An arc with endpoints that are the endpoints of a diameter of a circle
- 13. The part of a circle enclosed by two radii of a circle and their intercepted arc.
- 16. A segment whose endpoints are the center of the circle and a point on the circle
- 17. a three-dimensional geometric shape that tapers smoothly from a flat base to a point called the apex or vertex.
- 18. A trigonometric ratio, abbreviated as sin