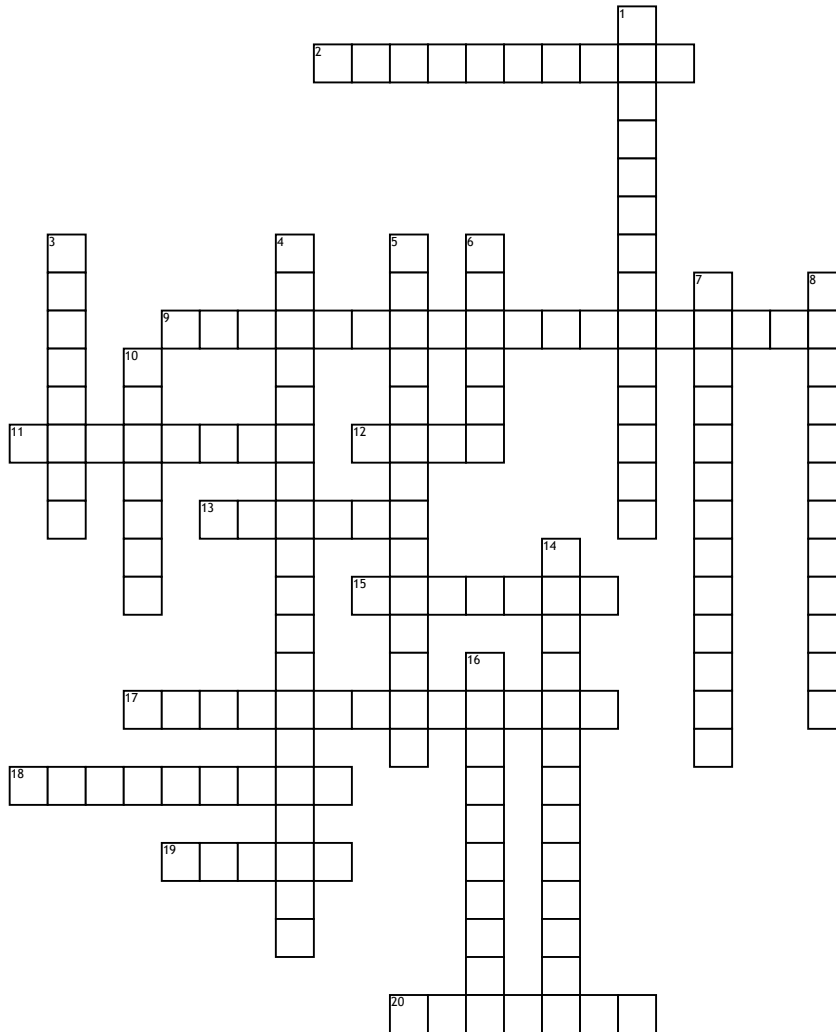


# Geomet



**Across**

- 2. A polygon is any line segment that connects midpoints
- 9. Has its two sides tangent to the circle with a vertex outside of the circle
- 11. The arc with the greater measure
- 12. A quadrilateral with two pairs of equal adjacent sides
- 13. A box with four sides
- 15. A line that intersects the circle in exactly one point
- 17. Straight Lines

- 18. A mathematical statement that is not proved but is considered true
- 19. A segment whose endpoints are points on a circle
- 20. A statement that can be proven true using definitions, postulates, or other statements

**Down**

- 1. An angle whose vertex is on a circle and whose sides contain chords of the circle
- 3. The opposite of Major Arc
- 4. A quadrilateral whose vertices all lie on a single circle.

- 5. A polygon drawn inside another polygon or circle
- 6. Sphere
- 7. A angle inside the polygon between two adjacent
- 8. An angle with its vertex at the center of a circle
- 10. Diamond
- 14. A ray drawn through vertex of an angle and divides the angle into two angles of equal measure
- 16. 90%

**Word Bank**

- |                 |                     |                 |                      |
|-----------------|---------------------|-----------------|----------------------|
| Midsegment      | Postulate           | Minor Arc       | Tangent              |
| Major Arc       | Circle              | Interior angle  | Cyclic Quadrilateral |
| Rhombus         | Right Angle         | inscribed angle | Kite                 |
| Inscribed Angle | Angle Bisector      | Square          | Parallel Lines       |
| Theorem         | circumscribed angle | Chord           | central angle        |