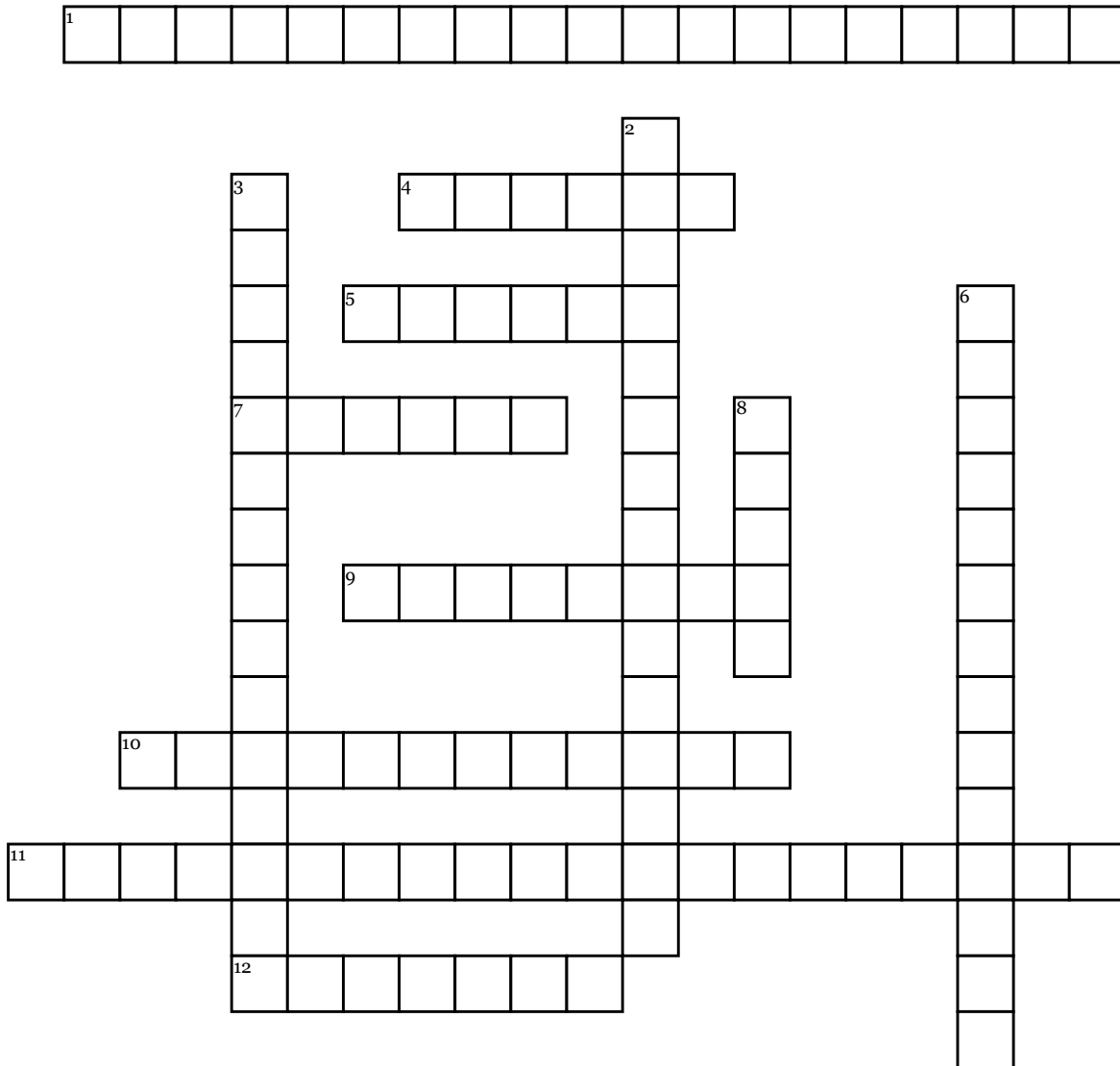


Geometry Vocabulary



Across

- 1. The angle between 2 chords is equal to $\frac{1}{2}$ the sum of the two intercepted arcs.
- 4. A line that intersects a circle at two points.
- 5. The set of points in a plane that are fixed distance from a given point called the center of the circle.
- 7. A segment whose endpoints are the center of a circle and a point on the circle.

- 9. A segment that has endpoints on a circle and that passes through the center of the circle.
- 10. An angle whose vertex is the center of a circle.
- 11. The angle between 2 chords is equal to $\frac{1}{2}$ the difference of the two intercepted arcs.
- 12. A line that is in the same plane as a circle and intersects the circle at exactly one point. The radius is perpendicular to the tangent at the point of tangency

Down

- 2. A tangent that is common to two circles and intersects the segment joining the centers of the circles.
- 3. A tangent that is common to two circles and does not intersect the segment joining the centers of the circles.
- 6. An angle whose vertex is on a circle and whose sides contain chords of the circle. The angle measure of the inscribed angle is $\frac{1}{2}$ of the intercepted arc
- 8. A segment whose endpoints both lie on the same circle.