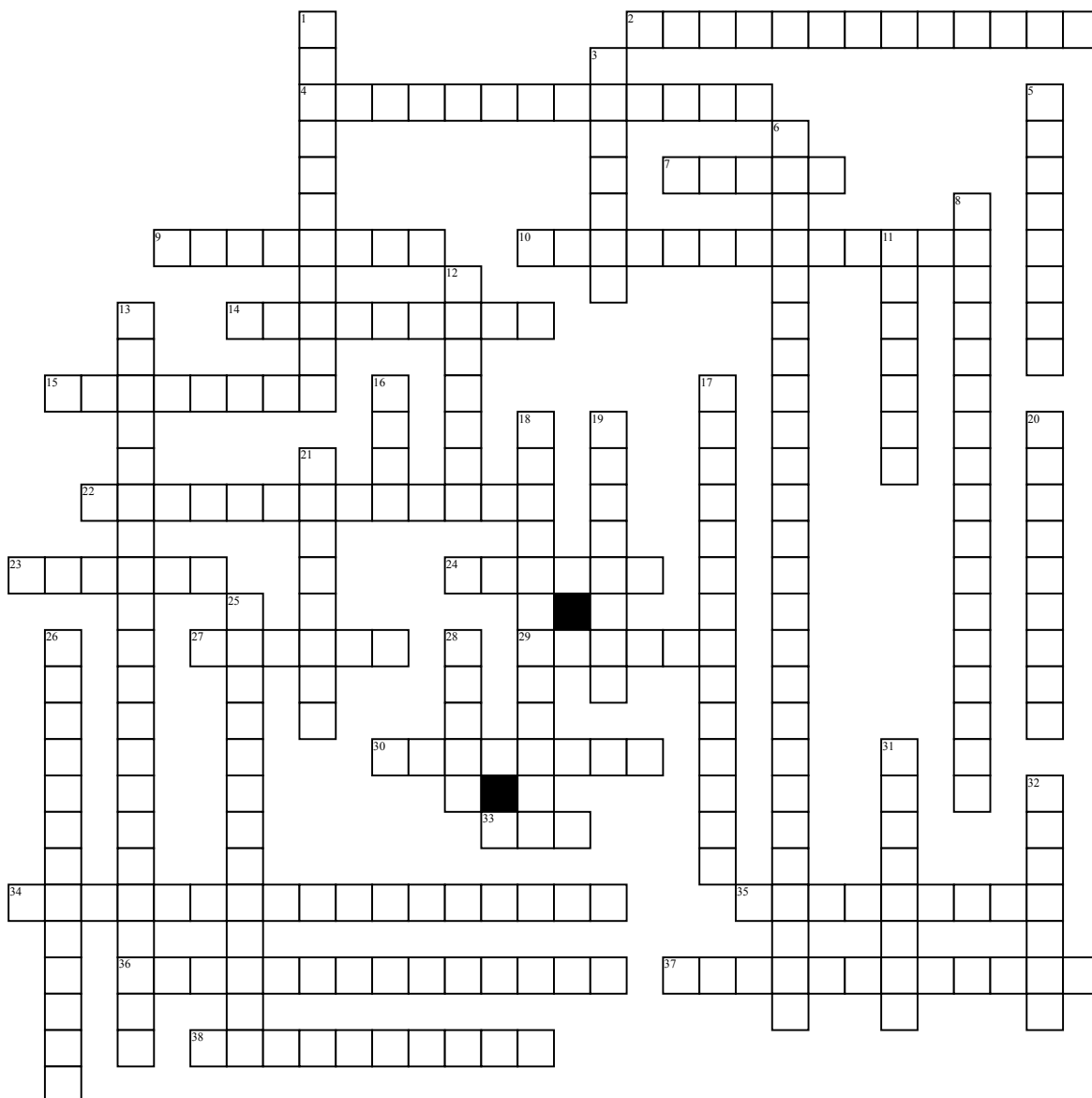


Geometry Crossword



Across

2. A pair of nonadjacent angles that are formed by two lines.
4. Measure of the area enclosed by a circle
7. A segment whose endpoints are points of a circle or points of a sphere.
9. Any straight line segment that passes through the center of the circle and whose endpoints lie on the circle.
10. A polygon with four edges and four vertices.
14. A statement that is accepted without proof.
15. A perpendicular to a horizontal line.
22. A ray that divides an angle into two congruent adjacent angles.
23. when you are looking for the mid-point.
24. A parallelogram with four right angles and four congruent sides.
27. A line segment connecting to the center of a circle with a point on the circle.
29. The set of all points in a plane that are given distance from a given point in the plane.
30. The distance from one side (or an extension of that side) to the opposite vertex
33. A part of a circle consisting of two points on the circle.
34. The pairs of angles on opposite sides of the transversal but outside the two lines.
35. has the same measure

36. Part of a tangent line with one endpoint outside the circle and the endpoint at a point of tangency to the circle.
37. A ray whose end points is the vertex of the angle it divides into two congruent angles.
38. A half of a circle or of its circumference.

Down

1. A line that intersects two or more coplanar lines in different points.
3. Both corresponding sides are proportional, but the figures themselves are two different sizes
5. An arc with a measure greater than 180
6. The sum of the lengths of any sides of a triangle must be greater than the length of the third side.
8. A pair of angles formed by two lines and that are in inside two lines on opposite side of transversal.
11. A parallelogram with four congruent sides.
12. A plane curve at a given point is the straight line that "just touches" the curve at that point.
13. A line, segment, or ray that intersects a line segment at its midpoint forming a right angle.
16. A quadrilateral with exactly two distinct pairs of congruent consecutive sides.
17. An angle formed by two chords of a circle with a common end point.
18. The point of concurrency of the perpendicular bisectors of the sides of a triangle.

19. An arc with measure less than 180
20. A parallelogram with four right angles.
21. The point on a segment that divides it into two congruent segments.
25. The angle pairs that are on the insides of the two lines (the interior) and on the same side of the transversal
26. A quadrilateral with both pairs of opposite sides parallel.
28. A two angles or two sides are congruent.
31. The point of concurrency of the medians of a triangle.
32. An angle whose vertex is at the center of a circle.