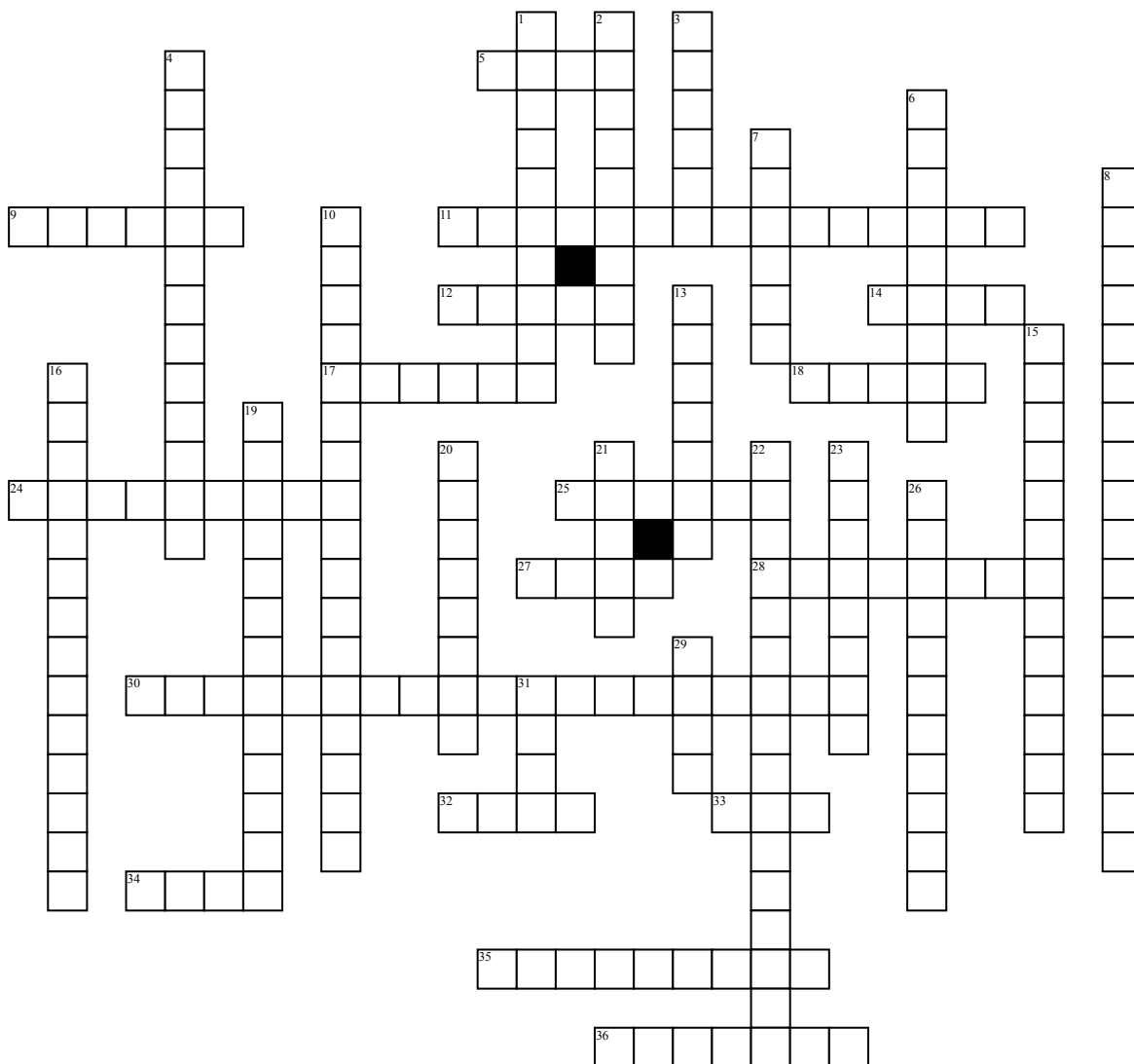


# Geometry Vocabulary



## Across

5. Line segments of a polygon.  
 9. A quadrilateral with 4 equal sides and 4 right angles.  
 11. A triangle that has no equal sides. All 3 sides are different lengths.  
 12. Two rays with the same end point.  
 14. A solid shape that has: 6 square faces all equal in size, 8 vertices (corners), and 12 equal edges.  
 17. A polygon made with a continuous line which is always the same distance from the center.  
 18. A flat surface.  
 24. A Quadrilateral with 4 sides and 4 right angles.  
 25. The amount of space occupied by a 3D object, measured in cubic units.  
 27. A solid shape with a circular base and a curved surface that come to a point (vertex).  
 28. A polygon with 3 sides and 3 angles.  
 30. A triangle that has 3 equal sides.  
 32. The size a surface takes up, measured in square units.

33. Part of a line that has one end point and goes in one direction without end.  
 34. Where two surfaces join (intersect).  
 35. A quadrilateral (4 sides & 4 angles) with one pair of parallel sides.  
 36. A solid shape with a polygon as a base and triangular faces that come to a point (vertex or apex)

## Down

1. An angle that is 90 degrees (It makes a square in the corner).  
 2. The distance around the figure.  
 3. A solid shape that is perfectly round like a ball. No faces, edges, or vertices.  
 4. A polygon with 4 sides and 4 angles.  
 6. A plane figure with the same size and shape.  
 7. The point where two sides meet. (Shared end points of the line segments of a polygon.)  
 8. Two lines that intersect to form right angles  
 10. A triangle that has 2 equal sides.  
 13. A parallelogram with four equal sides and equal opposite angles.

15. A quadrilateral (4 sides & 4 angles) where opposites sides are parallel.  
 16. The line that divides two matching parts. It can be vertical, horizontal, or diagonal.  
 19. A triangle that has one right angle. It can also be an isosceles or scalene triangle.  
 20. A plane figure that can be folded along a line so the two parts match.  
 21. A dot that specifies only location; it has no length, width, or depth. We usually represent it with a dot on paper, but the dot we make has some dimension, while a true point has dimension 0.  
 22. A solid shape that has: 6 faces (4 rectangles & 2 squares), 8 vertices (corners), and 12 equal edges.  
 23. A solid shape with one curved surface and two congruent circular bases.  
 26. Part of a line with two end points.  
 29. The flat surface of a 3D shape.  
 31. Line A straight path that goes without end in two directions.