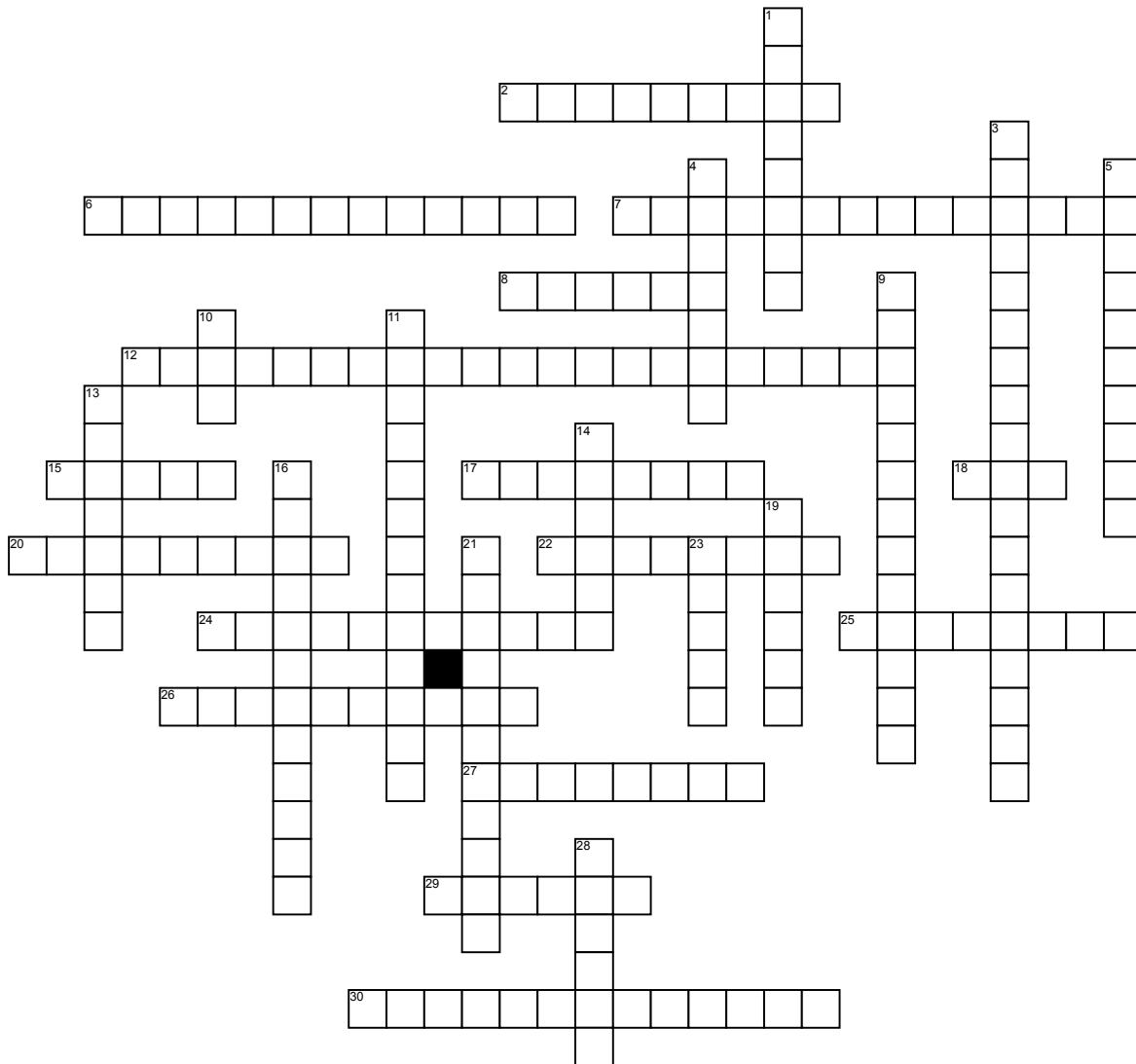


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Geometry terms crossword



## Across

2. Having the same size and shape.  
 6. Are two angles on the same side of the transversal where one angle is on the exterior and the other one is on.  
 7. Switching the hypothesis and conclusion of a conditional statement and negating both.  
 8. A quadrilateral with all sides and angles equal.  
 12. The line perpendicular to a segment passing through the segment's midpoint.  
 15. Two rays sharing a common endpoint.  
 17. A transformation in which a plane figure turns around a fixed center point.  
 18. A part of a line starting at a particular point and extending infinitely in one direction.  
 20. A quadrilateral with at least one pair of parallel sides.  
 22. A line segment, line, or plane that divides a geometric figure into two congruent halves.

24. The pair of numbers giving the location of a point.  
 25. A chord that intersects with the center of a circle.  
 26. The side of a right triangle opposite the right angle.  
 27. Next to; neighboring.  
 29. A geometric figure with no indentations.  
 30. A quadrilateral with both pairs of opposite sides parallel and equal in length.

## Down

1. Switching the hypothesis and conclusion of a conditional statement.  
 3. An equation relating the lengths of the sides of a right triangle.  
 4. Negating both the hypothesis and conclusion of a conditional statement.  
 5. A transformation in which a geometric figure is reflected across a line, creating a mirror image.  
 9. Two distinct coplanar lines that do not intersect.

10. Two endpoints on a circle and all of the points on the circle between those two endpoints.  
 11. A way of writing two conditionals at once: both a conditional and its converse.  
 13. A shape or solid which has an indentation or "cave".  
 14. A segment with one endpoint at the center of a circle and the other endpoint on the circle.  
 16. The study of triangles, with emphasis on calculations involving the lengths of sides and the measures of angles.  
 19. The total amount of space enclosed in a solid.  
 21. A transformation in which a graph or geometric figure is picked up and moved to another location without any change in size or orientation.  
 23. A segment whose endpoints are on a circle.  
 28. The point from which all points on a circle are equidistant.