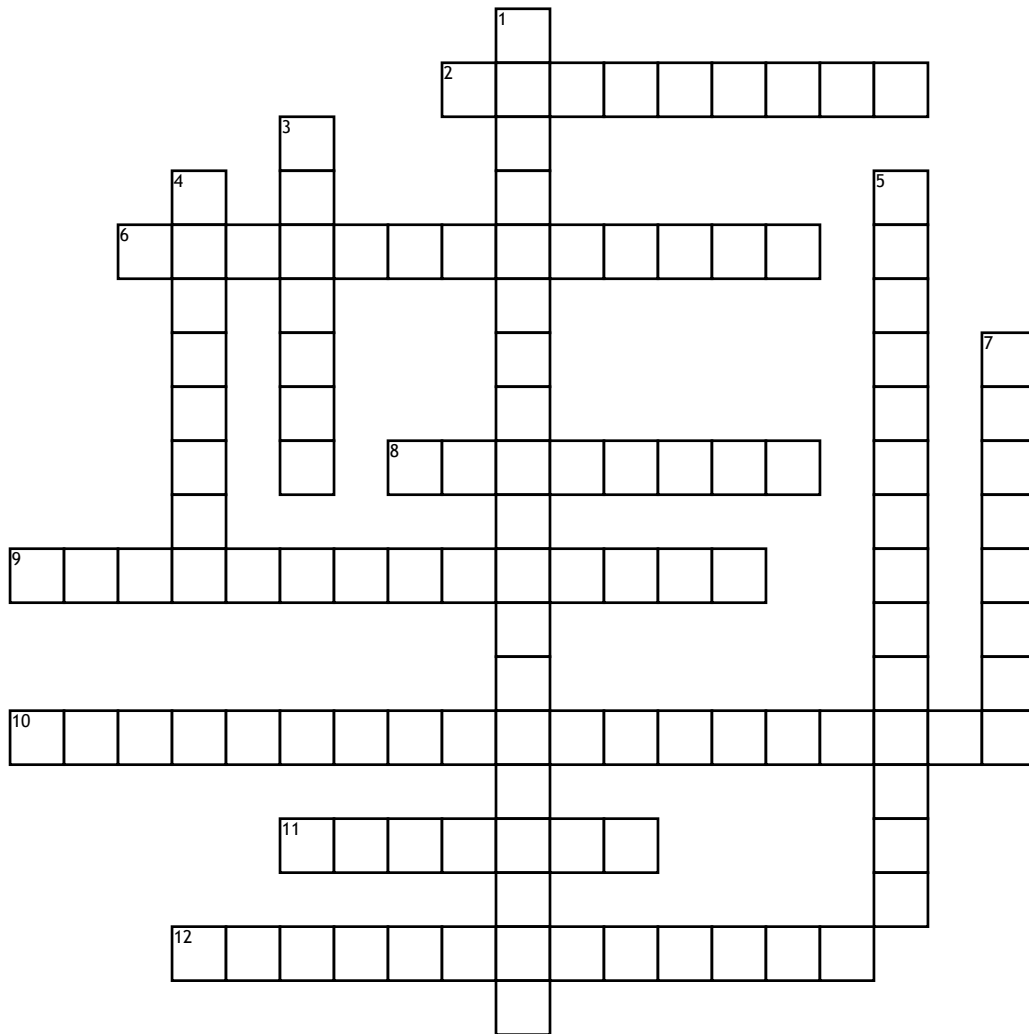


# Geometry Crossword Puzzle



**Across**

- 2. The same shape and size
- 6. the distance around the circle.
- 8. Switching the hypothesis and conclusion of a conditional statement
- 9. Switching the hypothesis and conclusion of a conditional statement and negating both.
- 10. with all three sides of equal length

11. a plane figure with nine straight sides and nine angles.

12. lines that are always the same distance apart and never touch.

**Down**

- 1. the angles which occupy the same relative position at each intersection where a straight line crosses two others. If the two lines are parallel, the corresponding angles are equal.

3. A polygon is a closed, 2-dimensional shape with straight sides and is a 10-sided polygon.

4. A point on a line segment that divides it into two equal parts

5. each of the pairs of opposite angles made by two intersecting lines.

7. is a line which passes through a vertex of a triangle

**Word Bank**

- contrapositive
- Midpoint
- Parallel lines
- Decagon

- Circumference
- corresponding angles
- Converse
- Altitude

- Nonagon
- congruent
- vertical angles
- equilateral triangle