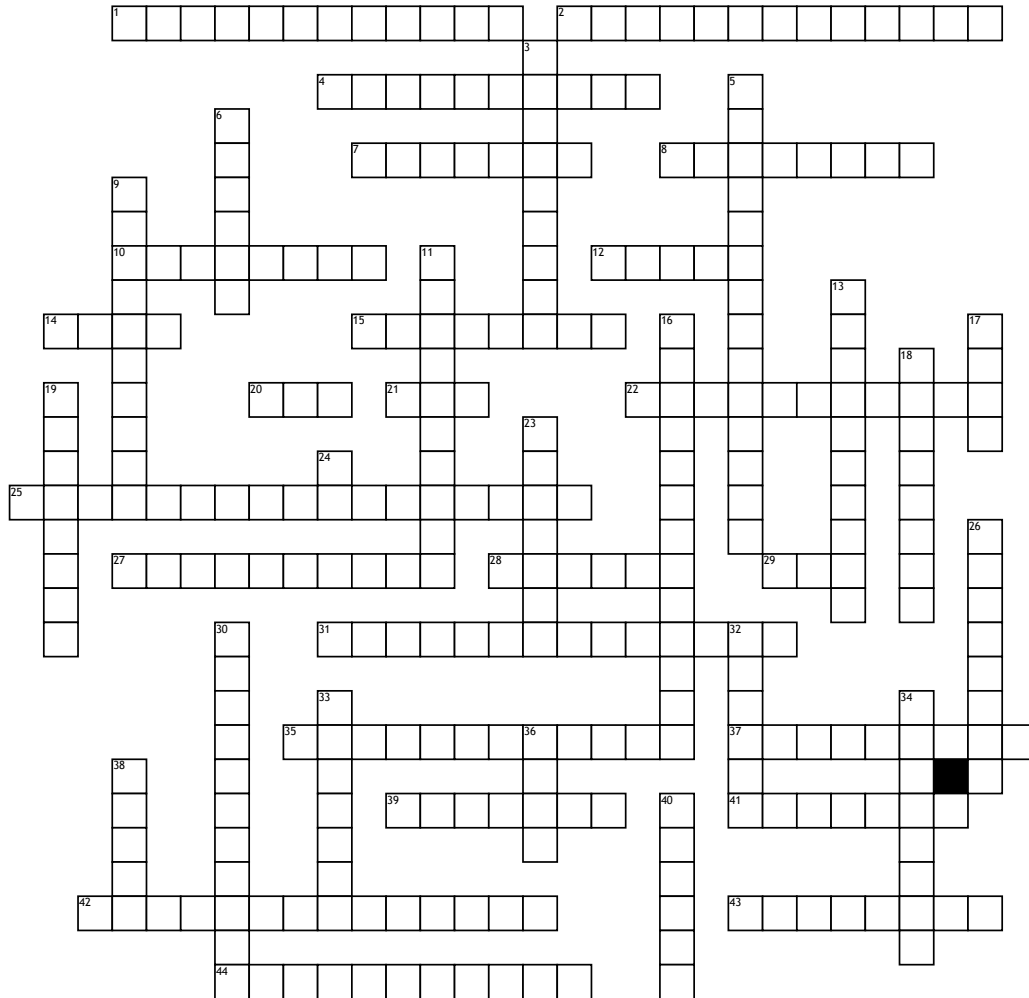


# Geometry Vocab



- Across**
- point of concurrency of the three perpendicular bisectors of a triangle
  - what are lines whose slopes are the reciprocal and opposite of each other
  - the old man and his right triangles
  - Caught \_\_\_\_\_ hippie
  - two lines having the same slope
  - lines whose slope is the same
  - corresponding parts of congruent triangles are congruent
  - a quadrilateral with exactly two pairs of congruent consecutive sides
  - points that lie on the same plane
  - the congruence statement when two triangles have all three sides congruent
  - some \_\_\_\_\_ hippie
  - a transformation that shifts or slides every point of a figure the same distance and direction
  - angles on a transversal that are congruent
  - the \_\_\_\_\_ of an angle is when the sum of the measures is 90 degrees
  - angle whose measure is greater than 90 degrees
  - Congruence statement when an angle, a side, and an angle are congruent in a triangle
  - a line that divides a plane figure into two congruent reflected halves
  - angle whose vertex is in the center of a circle
  - an angle whose vertex is on a circle and whose sides contain chords of the circle
  - mass divided by volume
  - same shape but not the same size
  - an interior angle of a polygon that is not adjacent to the exterior angle
  - point of concurrency of three medians of a triangle
  - a transformation that does not change the shape or size of a figure
  - a 12 sided figure
  - non adjacent angles formed by two intersecting lines
  - pair of adjacent angles whose noncommon sides are opposite rays
  - The longest leg in a right triangle
  - The \_\_\_\_\_ of an angle is when the sum is 180 degrees
  - a type of symmetry whereby the image coincides with the preimage
  - the measurement around the outside of a circle
  - an undefined term in geometry
  - a line going through the center of a circle
  - the common side of two consecutive angles of a polygon
  - a quadrilateral with four congruent sides
  - the ratio of the circumference of a circle to its diameter
  - point of concurrency of three angle bisectors of a triangle
  - point of concurrency of the three altitudes of a triangle
  - Part of a circle that goes from the center to the edge
  - 6 sided polygon
  - enlargement
  - tripping on \_\_\_\_\_
  - angle smaller than 90 degrees
  - the intersection of two sides of a triangle

**Word Bank**

- |                |               |               |            |                   |                |                |
|----------------|---------------|---------------|------------|-------------------|----------------|----------------|
| circumcenter   | kite          | parallel      | rhombus    | dilation          | asa            | similar        |
| pi             | another       | central angle | centroid   | hypotenuse        | rigidmotion    | remoteinterior |
| verticalangles | Pythagoras    | cpctc         | incenter   | alternateinterior | orthocenter    | sss            |
| old            | obtuse        | dodecagon     | complement | radius            | lineofsymmetry | linear         |
| vertex         | translation   | perpendicular | acid       | coplanar          | parallel       | density        |
| diameter       | circumference | supplement    | rotational | included          | line           | hexagon        |
| inscribed      | acute         |               |            |                   |                |                |