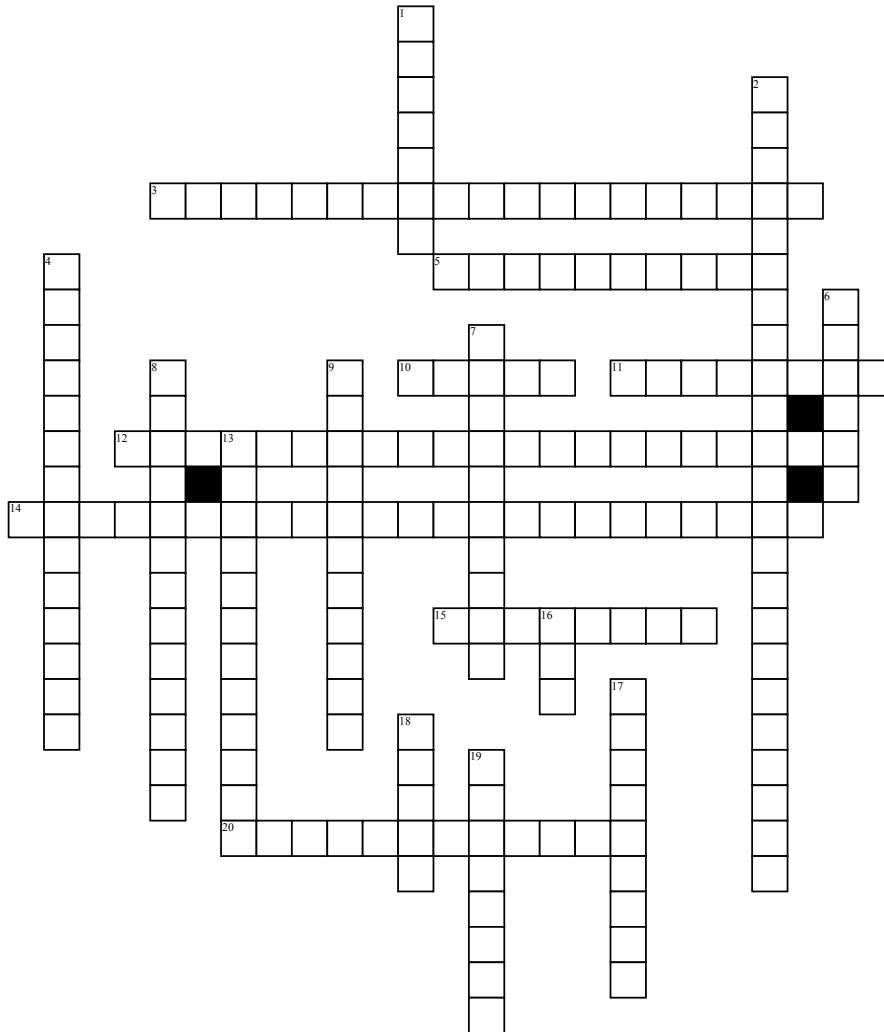


# Geometry Crossword



**Across**

- 3. Two or more angles whose measures equal 180
- 5. Flip across a line. Such as the x or y axis.
- 10. Specific location. Has no dimensions and is represented by a dot.
- 11. If a rigid motion exist that maps the figure onto itself it has?
- 12. If two sides and the included angle of one triangle are congruent to two sides and the included angle of another triangle then the two triangles are congruent.
- 14. Exterior angles that lie on opposite side of a transversal.

- 15. Transformation that can change the size but not shape of a polygon.
- 20. Edge of a ruler.

**Down**

- 1. All \_\_\_\_\_ are similar.
- 2. Two angles that lie on opposite sides of a transversal.
- 4. When two lines intersect the two angles opposite of each other are congruent.
- 6. The common endpoint.
- 7. A pair of adjacent angles with non common sides form a straight line
- 8. Polygon with four sides.

- 9. Ration of the lengths corresponding sides.
- 13. Slide all points of a figure the same distance in the same direction.
- 16. Continuous portion of a circle consisting of two points and all the points on the circle between them
- 17. Quadrilateral with at least one pair of parallel sides.
- 18. Output of a transformation.
- 19. Transformation around point P.

**Word Bank**

- |                         |              |              |                           |
|-------------------------|--------------|--------------|---------------------------|
| Arc                     | Dilation     | Scale Factor | Rotation                  |
| SAS Triangle Congruence | Straightedge | Trapezoid    | Alternate Interior Angles |
| Quadrilateral           | Circles      | LInear Pair  | Alternate Exterior Angles |
| Supplementary Angles    | Reflection   | Symmetry     | Vertical Angles           |
| Vertex                  | Translations | Point        | Image                     |