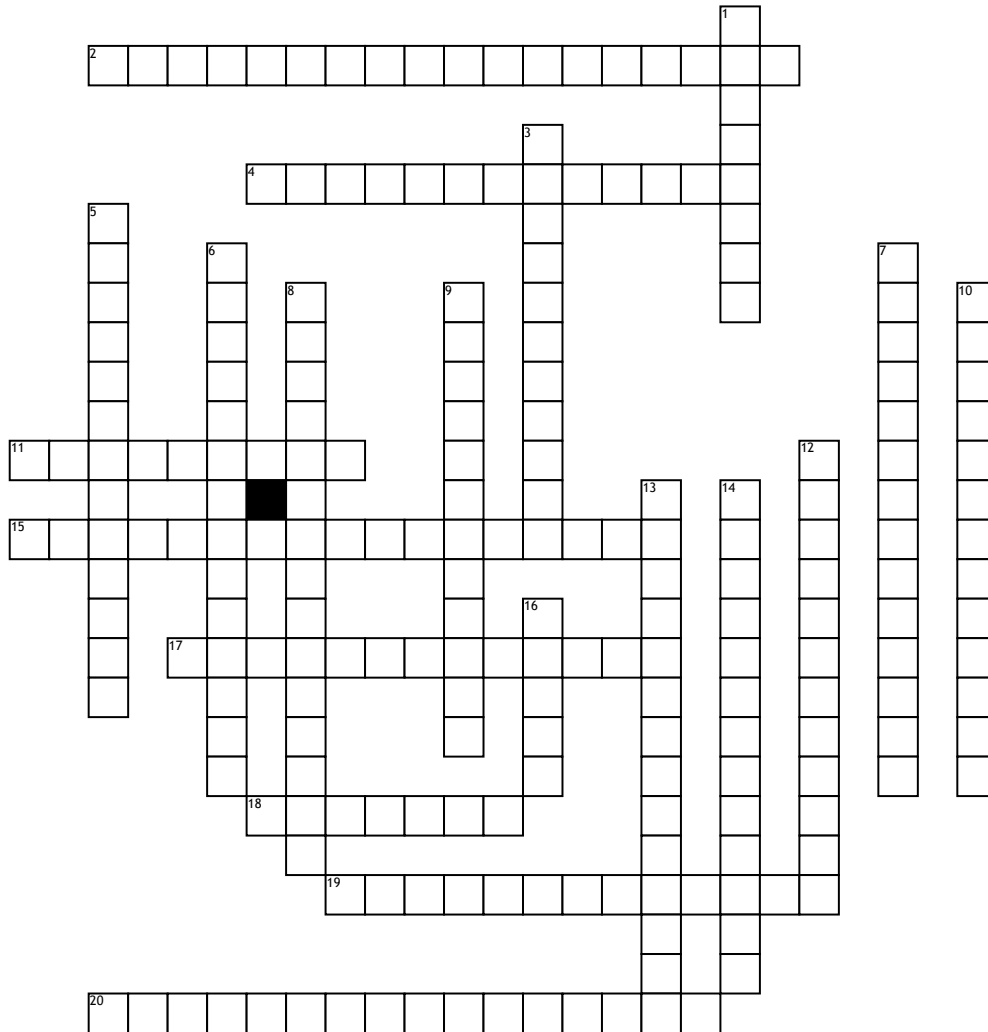# Geometry crossword

Across

2. A translation in the coordinate plane can be described using the following notation

4. Less than 90

11. Lines that are in different planes and never meet are called skew

15. Has at least two congruent sides

17. The region that contains all the points between the sides of the angle

18. Closed plane figure formed by 3 or more line segments

19. Add to 90

20. Two figures that are congruent iff there is a rigid motion that maps one of the figures onto the other (same size and shape)

Down

1. Formed by switching the hypothesis and the conclusion of a statement

3. Transformation that preserves lengths and angle measures

5. Four sided polygon with two parts of parallel sides

6. An angle with its vertex on the circle

7. Method by which a new image is made(reflection, rotation, or translation)

8. Transformation composed of a translation and a reflection

9. A figure that lies in a plane

10. The angles that are adjacent to the interior angles are the exterior angles

12. if the figure can be mapped onto its self by a reflection in the line

13. Angle shared by two triangles

14. Add to 180

16. Sets of points consisting of two different rays that have the same endpoint

Word Bank

Coordinate rotation
Reflexive angle
Polygon
Skew lines
Inscribed angle

Angle
Congruent figures
Glide reflection
Rigid motion
Parallelogram

Transformation
Converse
Complimentary
Supplementary
Line symmetry

Acute triangle
Plane figures
Interior angle
Isosceles triangle
Exterior angle