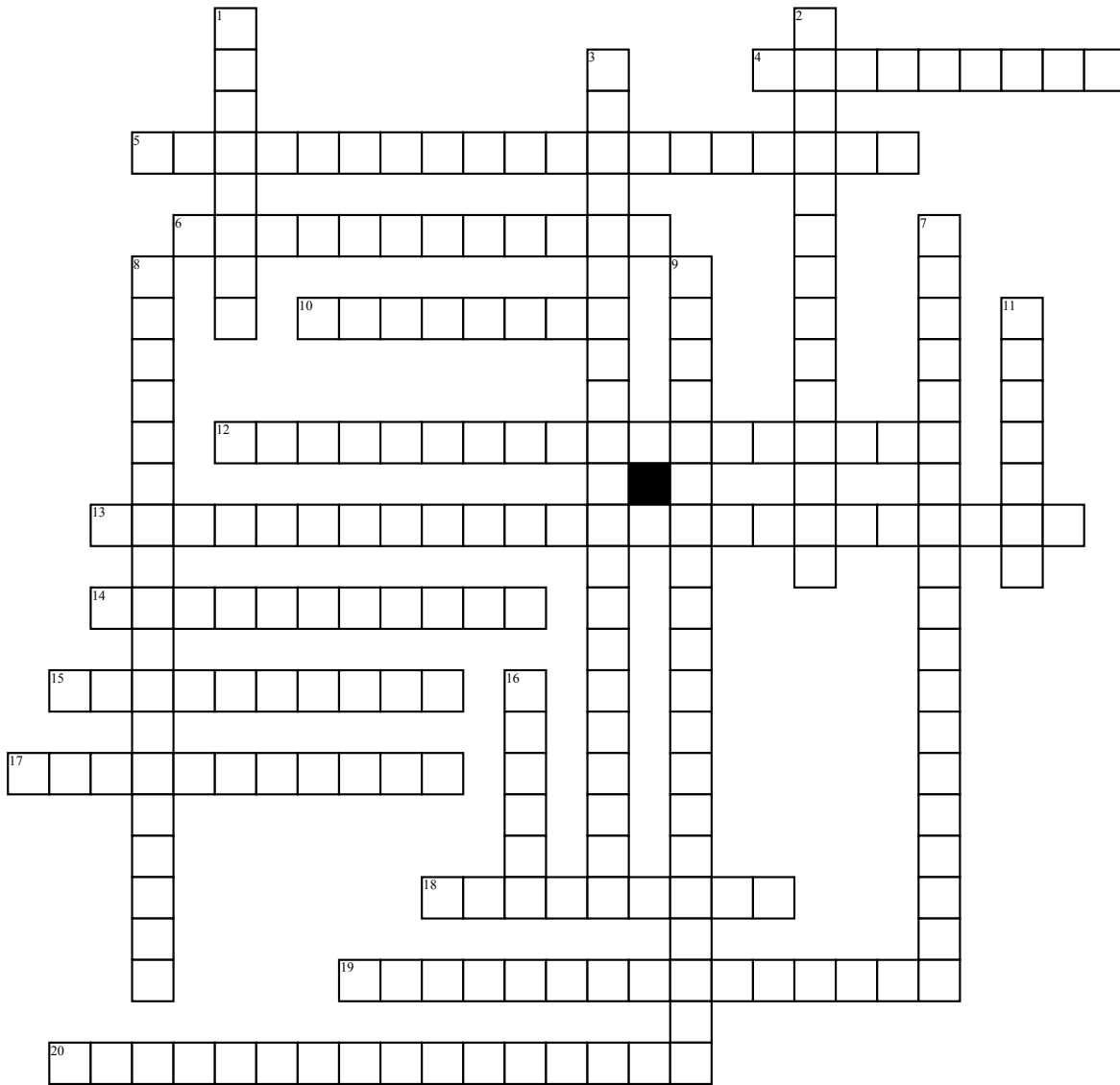


Geometry Vocabulary Crossword Puzzle



Across

- 4. We use these at the end of every proof but the statement doesn't have to be proven.
- 5. Two angles that add up to 90 degrees plus 90 degrees.
- 6. Perpendicular bisectors intersect through this point.
- 10. 3 medians intersect through this.
- 12. Two lines that meet to form a right angle at 90 degrees.
- 13. If two angles in a triangle are congruent, then the sides opposite of those angles are also congruent.
- 14. This is an angle that must measure more than 180 degrees but less than 360 degrees.

- 3. A statement that is believed to be true but not yet proved.
- 17. This includes a point that could be inside or outside a triangle where 3 altitudes come together.
- 18. To have exactly equal size and shape.
- 19. It's point usually lie upon an axis or a straight line.
- 20. It states that in an isosceles triangle, the angles opposite the congruent sides are congruent.

Down

- 1. It would look like an equidistant of the endpoints on a line segment.
- 2. Three or more points that lie in the same plane.

- 3. You would have to use a geometrical compass to create two equal parts.
- 7. When two lines are crossed by a transversal, it creates...
- 8. Uses the formula $a^2+b^2=c^2$.
- 9. If two sides and the included angle of one triangle are equal to two sides and the included angle of another triangle, the triangles are congruent.
- 11. We use these to prove a triangle or line/line segment have a relation to another through congruence and more.
- 16. A triangle has three of these at each of its vertex's.