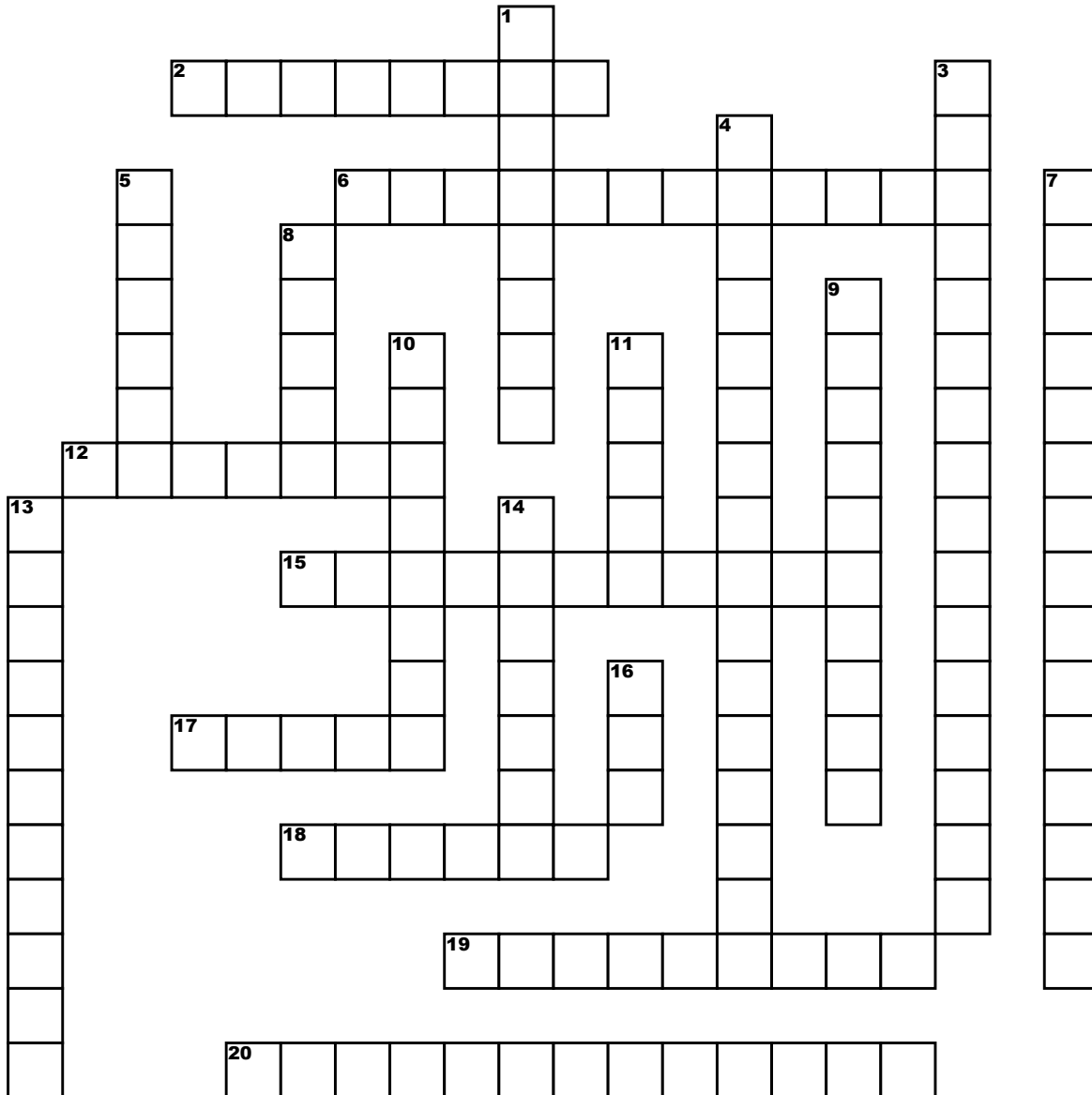


geometry crossword



Across

- 2.** a point of concurrency of the triangle
- 6.** a line that divides a line segment into two equal parts. It also makes a right angle with the line segment
- 12.** part of a line that is bounded by two distinct end points
- 15.** The point where the three altitudes of a triangle meet
- 17.** an angle below 90 degrees
- 18.** a side of a polygon that protrudes out
- 19.** the medians of a triangle intersect at a point that is $\frac{2}{3}$ the distance from each vertex
- 20.** triangle with a right angle

Down

- 1.** the middle point of a line segment
- 3.** in a plane if a point is on the perpendicular bisector then it is equidistant from the endpoints of a segment
- 4.** a line segment joining a vertex to the midpoint of the opposing side
- 5.** an angle above 90 degrees
- 7.** if a point is equidistant from the endpoints of a segment then it is perpendicular to the bisector of the segment
- 8.** the space (usually measured in degrees) between two intersecting lines or surfaces at or close to the point where they meet

9. when multiple lines intersect at the same point

10. a line segment through a vertex and perpendicular to a line containing the base

11. a flat surface on which a straight line joining any two points

13. the distances between the point and each object in the set are equal

14. side of a polygon that caves in

16. a line with an endpoint that extends infinitely in one direction