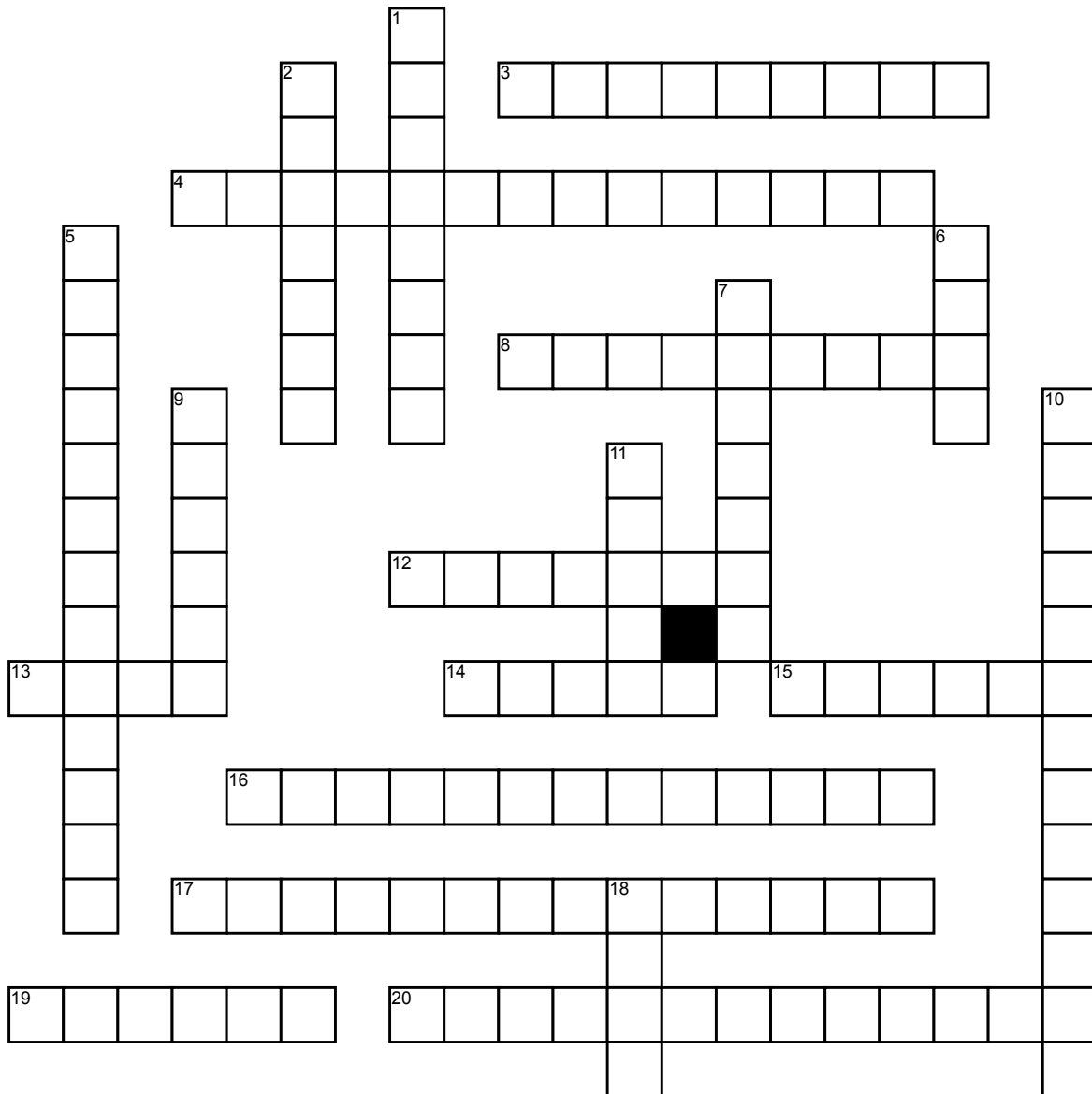# Geometry Crossword Puzzle

Across

3. A 4-sided flat shape with straight sides. Has a pair of opposite sides parallel .

4. Are the angles opposite each other when two lines cross. They share the same vertex.

8. A triangle that has two sides of equal length. The angles opposite the equal sides are also equal

12. When all angles are equal and all sides are equal. A plane shape (two-dimensional) with straight sides.

13. Is a three-dimensional geometric shape that tapers smoothly from a flat base. Has a point called the apex or vertex.

14. An angle that measures less than 90 degrees.Whose measurements fall between 0 and 90 degrees or has a radian of fewer than 90 degrees.

15. An angle that is more than 90 degrees. Less then 180 degrees.

16. They add up to 90 degrees. They dont have to be together to add up to 90 degrees.

17. They have a common side and a common vertex. They do not overlap.

19. Is the quantity of three-dimensional space enclosed by some closed boundary. The amount of space taken up by an object, it is most often described in terms of meters cubed (m^3).

20. It just means at right angles (90°). Two lines which meet at a right angle (90 degrees).

Down

1. Two identical flat ends that are circular or elliptical. One curved side.

2. Is a structure whose outer surfaces are triangular and converge to a single point at the top. The base of a pyramid can be trilateral, quadrilateral, or any polygon shape.

5. Opposite sides are parallel. Opposite sides are equal in length.

6. The number that gets multiplied when using an exponent. How many numbers in a number system.

7. A triangle where each side is a different length. The interior angles of the triangle are always all different.

9. All points are the same distance from the center. The set of all points on a plane that are a fixed distance from a center.

10. They add up to 180°. They have angles that equal 180°.

11. An angle that measures 90 degrees. Formed by two adjacent parts of a straight line

18. A measure of how much space there is on a flat surface. Is the quantity that expresses the extent of a two-dimensional figure or shape, or planar lamina, in the plane.