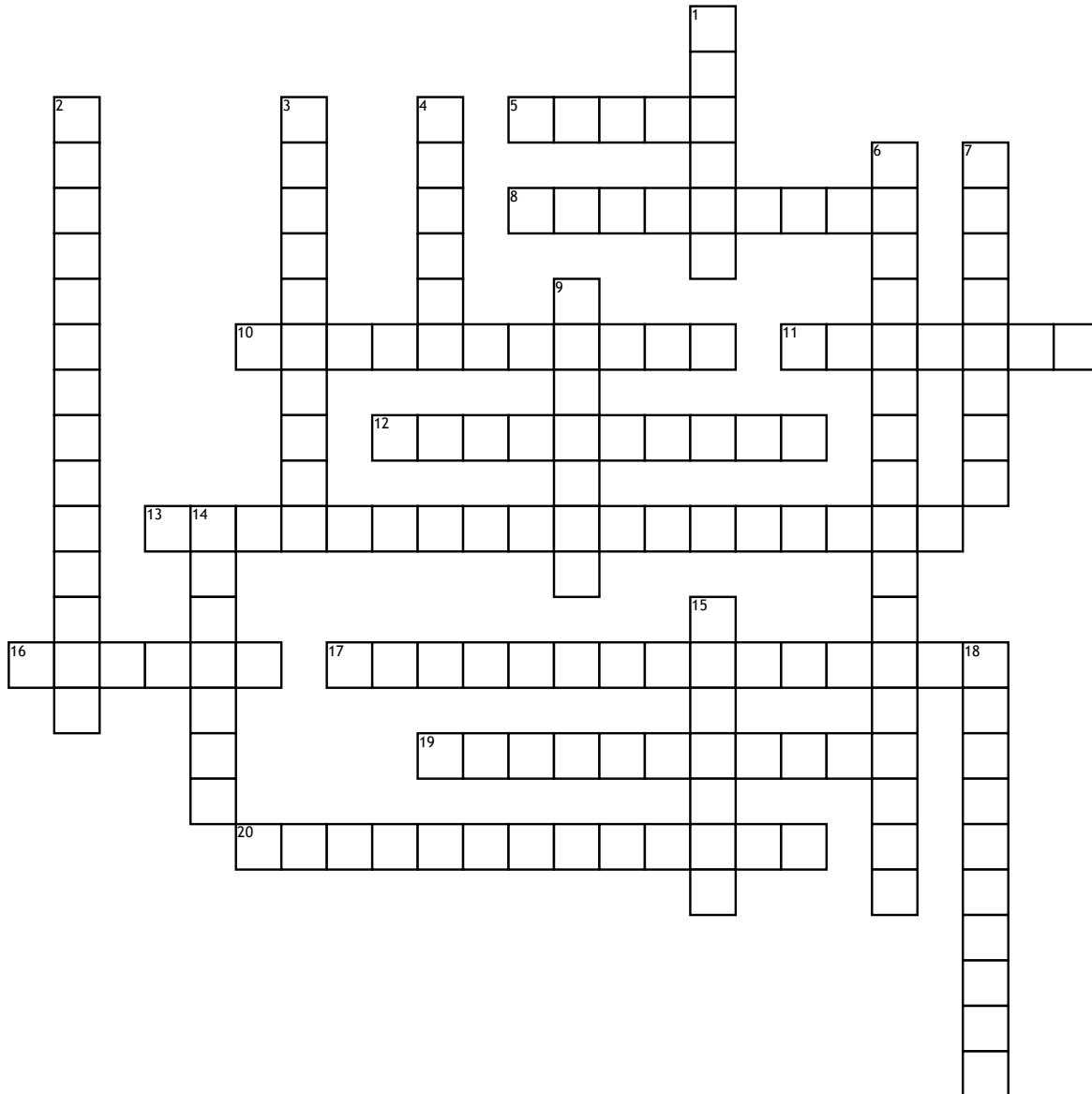


# Geometry Project



## Across

5. a straight line joining the ends of an arc.

8. a truth without formal proof.

10. contains the coordinates of one point in the coordinate system.

11. a true statement that can be proven.

12. a supposition or proposed explanation made on the basis of limited evidence as a starting point for further investigation.

13. If  $a = b$  and  $b = c$ , then  $a = c$

16. the measure of the amount of space inside of a solid figure, like a cube, ball, cylinder or pyramid.

17. The part of a circle enclosed by two radii of a circle and their intercepted arc.

19. having equal angles.

20. the enclosing boundary of a curved geometric figure, especially a circle.

## Down

1. a straight line from the center to the circumference of a circle or sphere.

2. a polygon that is equiangular and equilateral.

3. the relationship between two things when the quantities of the two are equal in ratios.

4. a specific mathematical structure.

6. The given point from which all points on a circle are the same distance.

7. is an arc of a circle having measure greater than or equal to

9. a line from the center of a regular polygon at right angles to any of its sides.

14. a parallelogram with opposite equal acute angles, opposite equal obtuse angles, and four equal sides.

15. a straight line or plane that touches a curve or curved surface at a point, but if extended does not cross it at that point

18. equal in value, amount, function, meaning, etc.