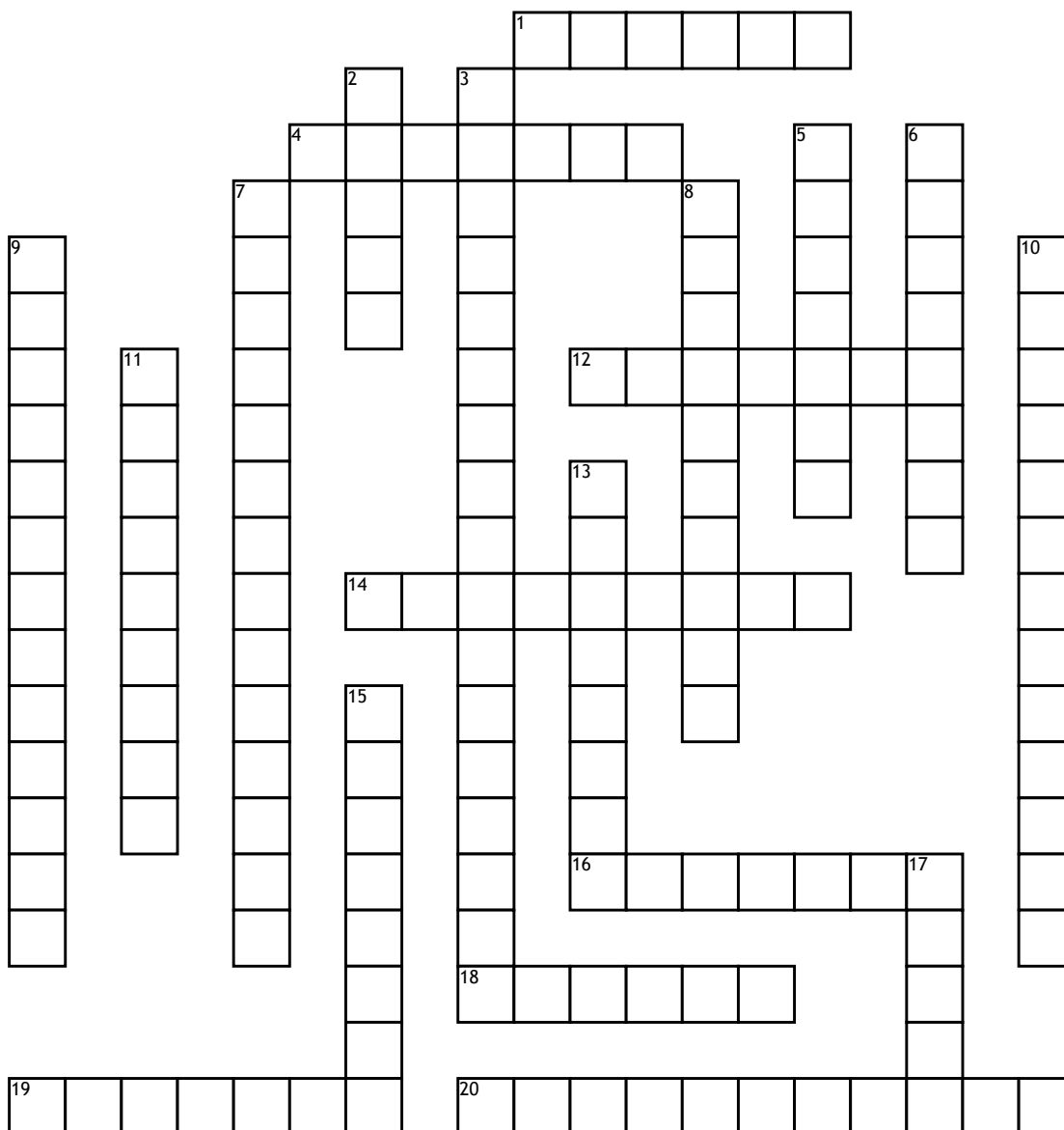# Geometry

Across

1. the set of all points in a plane that are a given distance from a given point in the plane.

4. a statement that can be proved

12. 8-sided polygon

14. a quadrilateral with 4 right angles

16. a quadrilateral with 4 congruent sides

18. a quadrilateral with 4 right angles and 4 congruent sides

19. a plane figure formed by coplanar segments such that (1) each segment intersects exactly two other segments, one at each endpoint; and (2) no two segments with a common endpoint are collinear

20. 2 points on a line and all points between them

Down

2. a segment whose endpoints lie on a circle

3. circles that lie in the same plane and have the same center

5. a 10-sided polygon

6. the figure formed by 3 segments joining 3 noncollinear points. each of the 3 points is a vertex of the triangle and the segments are the sides

7. a polygon that is both equalangular and equilateral

8. measure between 0 and 90

9. a 4-sided polygon

10. a quadrilateral with both pairs of opposite sides parallel

11. lines that are not coplanar

13. a chord that contains the center of a circle

15. a 5-sided polygon

17. the set of all points