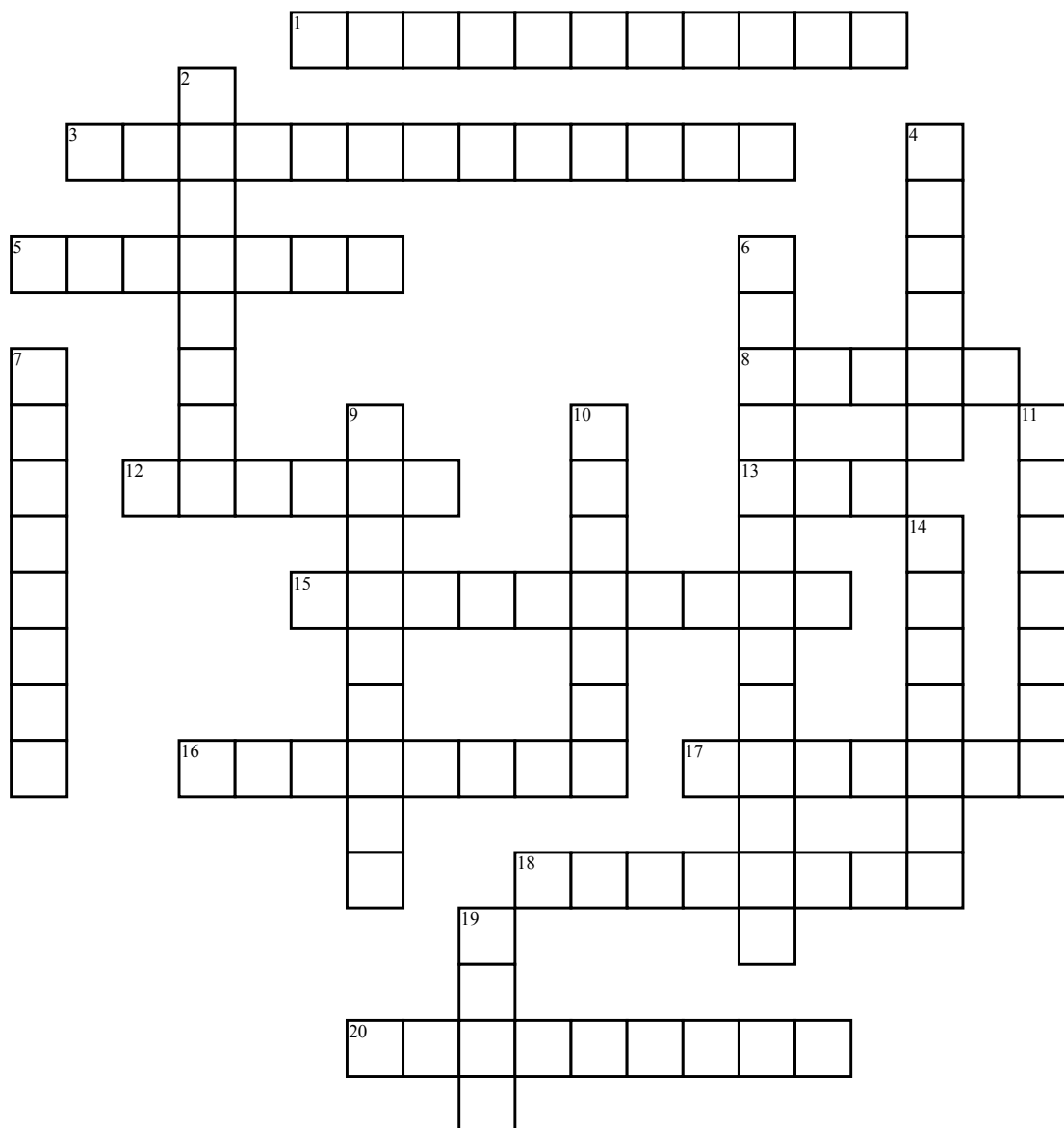


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Geometry Palooza



## Across

1. A set of points on a line consisting of two endpoints and all the points between them.
3. The distance around a circle.
5. A nine-sided polygon
8. A figure formed by two line segments or rays with a common endpoint.
12. A common endpoint of two sides of a polygon or an angle.
13. Part of a line that starts at a particular point and extends infinitely far in one direction.

15. An angle that measures  $90^\circ$ .

16. A seven-sided polygon

17. A six-sided polygon

18. A five-sided polygon.

20. Two geometric objects having the same measure.

## Down

2. A three-sided polygon

4. The set of all points in a plane that are equidistant from a given point.

6. A four-sided polygon.

7. A segment that connects two nonadjacent vertices of a polygon.

9. The distance around a figure.

10. An eight-sided polygon.

11. A ten-sided polygon

14. A series of connected line segments that starts and ends at the same place and does not intersect itself anywhere in between.

19. A straight one-dimensional figure having no thickness and extending infinitely in both directions.