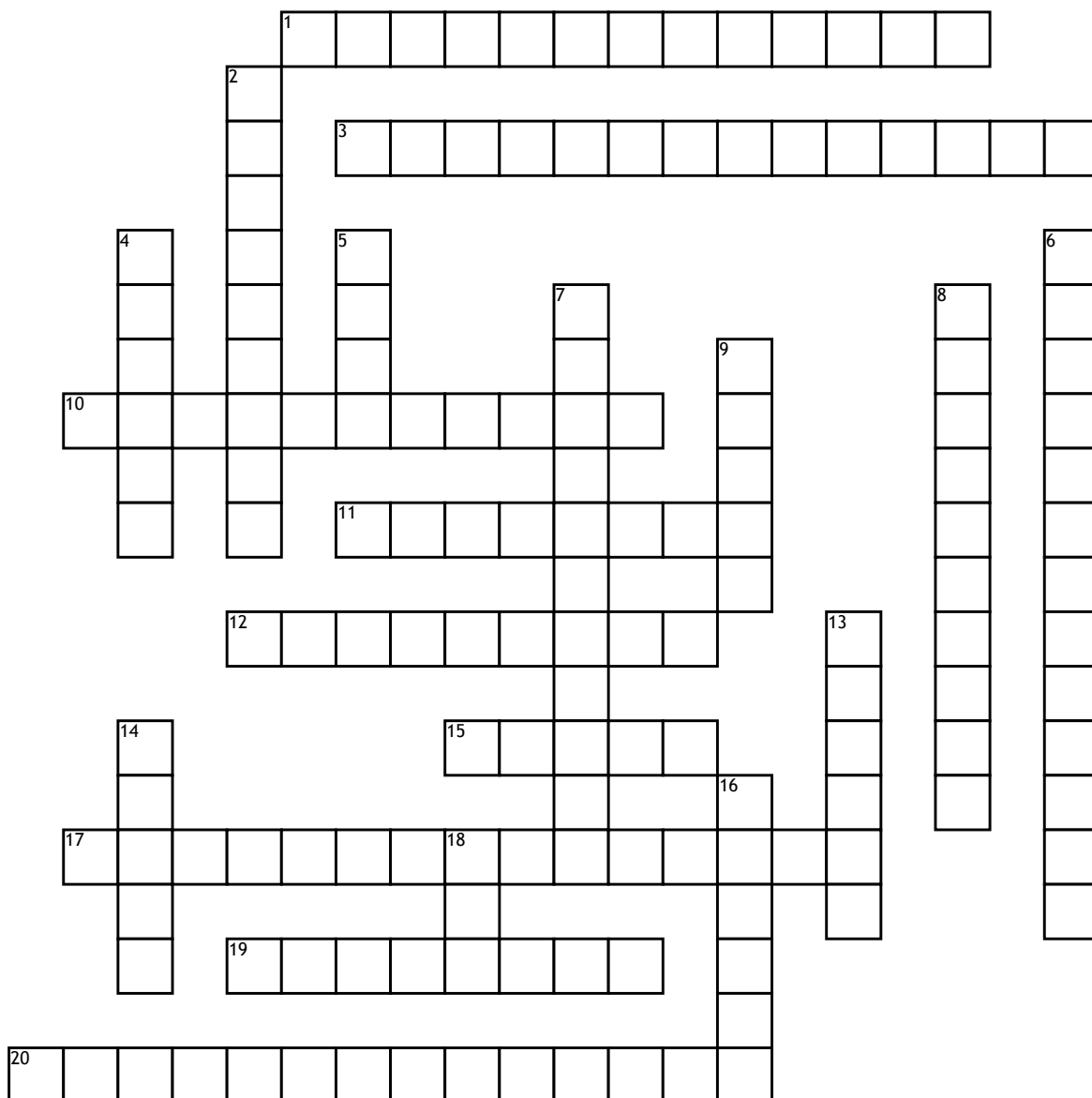# Jazs Geometry Puzzle

Across

1. Distance around a circle (the perimeter)

3. An angle in a circle with vertex on the circle itself

10. Part of a line between two points

11. A line segment (or length) joining two points on a circles circumference and passes through the circle's center

12. The distance around the outside of a plane figure.

15. A location in space - a dot on a piece of paper

17. The plane formed by a horizontal axis and a vertical axis, often labeled the x-axis and y-axis, respectively.

19. A line segment, line, or plane that divides a geometric figure into two congruent halves.

20. Two angles in a plane which share a common vertex and a common side but do not overlap

Down

2. Exactly equal in size and shape

4. The trig function cosine, which is written cos θ

5. Connects two points via the shortest path and continues indefinitely (forever) in both directions

6. the distance around the the outside of a circle.

7. A line that touches a curve at a point without crossing over.

8. An angle that measures 90°

9. A line segment joining two points on a curve.

13. Point at which two line segments intersect (forming an angle)

14. line segment on the interior of a circle

16. Distance (line segment) from center of a circle to any point on that circle's circumference.

18. Part of a curve