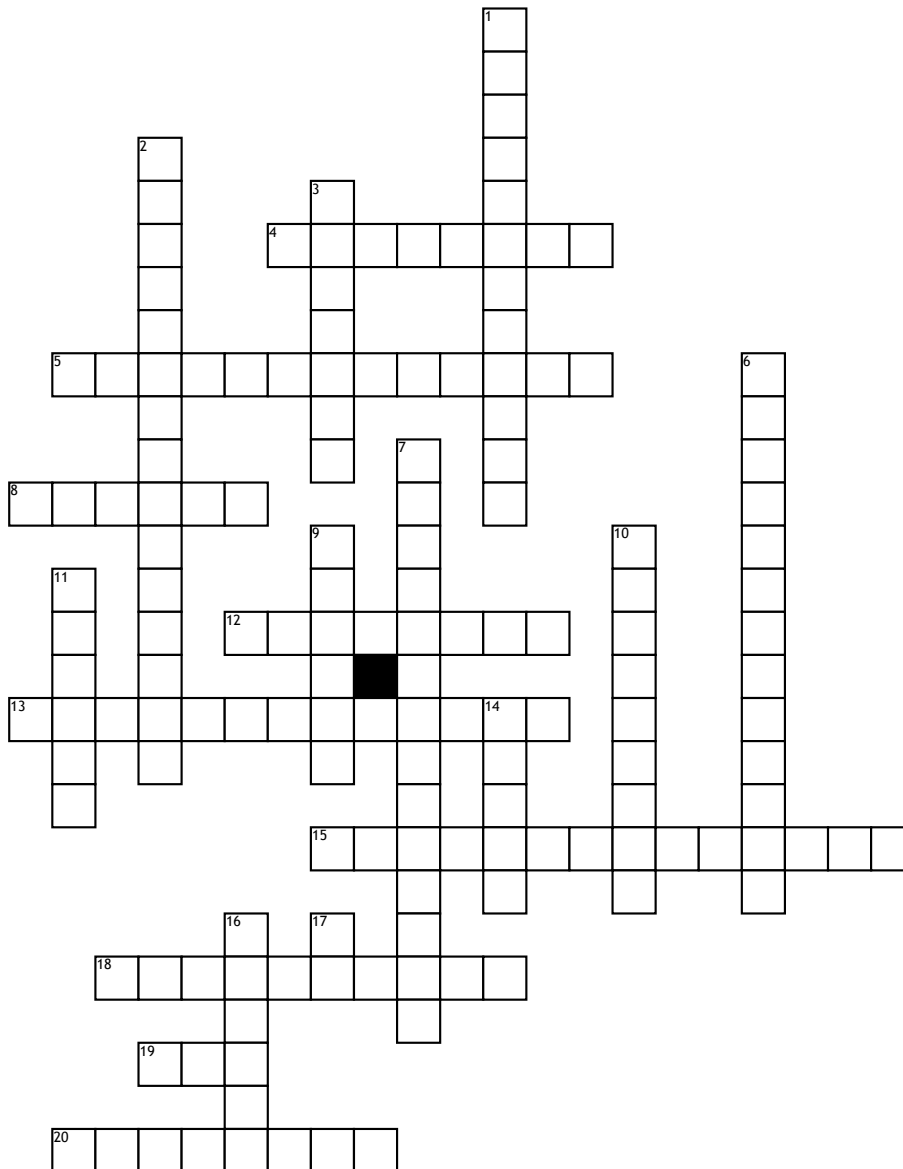


# Appetizer



## Across

4. an arc with a measure greater than 180
5. segments that form when two chords intersect inside a circle
8. any line that intersects a circle in two points
12. an arc with a measure less than 180
13. the distance around a circle
15. angle that has a vertex on a circle & sides that contain chords of the circle
18. arc that measures 180
19. part of a circle that is defined by two endpoints

20. a chord that passes through the center of the circle

## Down

1. angle that intersects a circle in two points & has its vertex at the center
2. a line that intersects a circle in only one point, the point at which they intersect
3. an acute angle of a right triangle the ratio of the measure of the leg opposite the acute angle to the measure of leg adjacent to the acute angle
6. segment of a secant line that has one endpoints on the circle

7. arcs in the same circle or in congruent circles that have the same measures

9. central point where radii form a locus of points
10. a polygon is inscribed in a circle if each of its vertices lie on the circle
11. a circle, any segment with endpoints that are the center of the circle & a point on the circle
14. segment with endpoints that are on the circle
16. the locus of all points in a plane equidistant from a given point
17. irrational number represented by the ratio of the circumference of a circle to the diameter of the circle