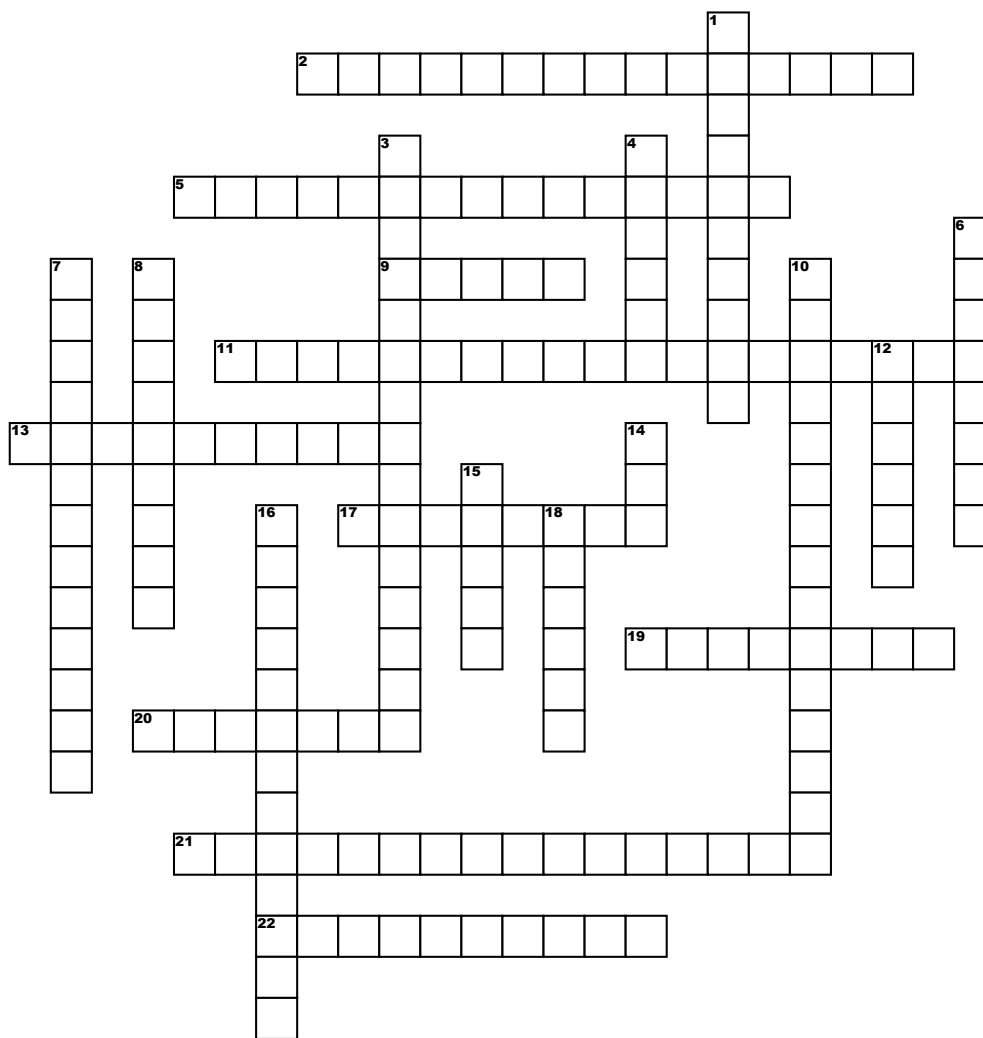


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Conjectures, Circles, & Angles



## Across

2. A circle inside a polygon

5. \_\_\_\_\_ to a circle from a point outside the circle are congruent

9. What line segment endpoints lie on the circle?

11. When a quadrilateral is inscribed in a circle

13. What's the endpoints of a diameter? It's worth 180 degrees

17. An arc of a circle that is larger than a semicircle

19. Its known as the longest chord when it passes through this

20. Divides the segments into two congruent segments

21. Two or more circles have the same radius

22. Measures less than 90 degrees

## Down

1. Measures 90 degrees

3. \_\_\_\_\_ that intercept the same arc are congruent

4. It is the middle of a circle

6. Means on the same plane

7. What sides pass through the endpoints of the arc?

8. Means on the same line

10. If two points in a circle are congruent then their \_\_\_\_\_ are also congruent

12. what is the center of the circle to a point on the circle?

14. What is two points on the circle, between the two endpoints?

15. What is the most basic building block in geometry?

16. The opposite angles of a cyclic quadrilateral are \_\_\_\_\_

18. \_\_\_\_\_ inscribed in a semicircle are right angles

## Word Bank

Center

Supplementary

Inscribed Angles

Chord

Intercepted Arcs

Coplanar

collinear

Right Angle

Radius

Inscribed Circle

Acute Angle

Central Angle

Arc

Cyclic Quadrilateral

Point

Bisects

Diameter

Tangent Segments

Semicircle

Congruent Circles

Angles

Major Arc