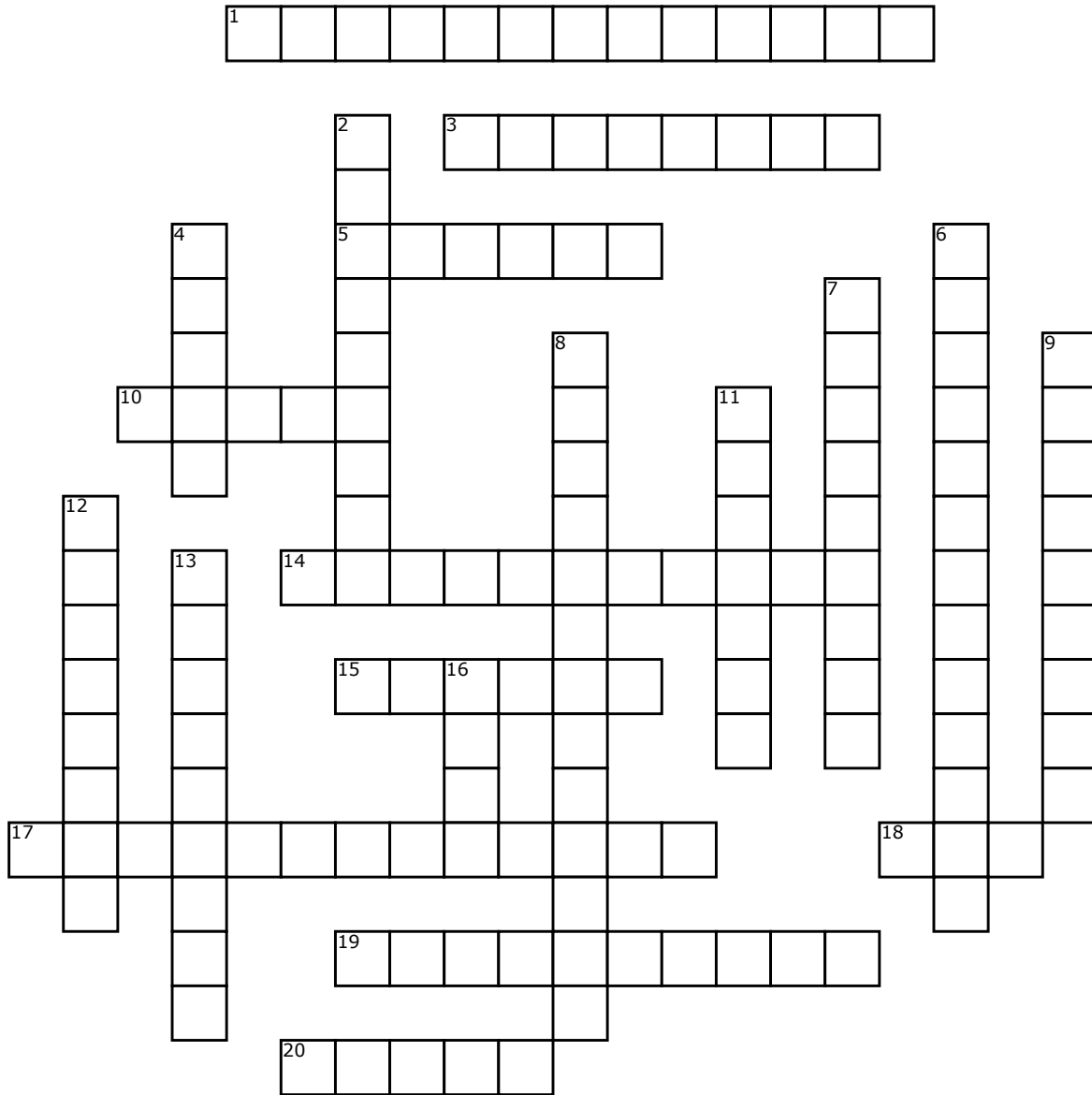


Name: _____

Fun Geometry Crossword!



Across

1. Two angles that add up to 180 degrees. These two angles form a line. They are _____ angles.

3. These two lines never intersect. They also share the same slope. These lines are _____.

5. The distance from the middle of the circle to any end of the circle. This is used a lot to find the area of the circle.

10. It is two dimensional. It can be named by using three distinct points in that area that aren't on the same line.

14. This is a transformation. It can be known as sliding.

15. You have to find this when it comes to 3D shapes. The 3D shapes have space within them and they are enclosed.

17. A ray that cuts an angle in half. The two new angles are congruent.

18. A part of a line that extends to only one end. It has one endpoint.

19. This tool is used to measure angles. It is extremely helpful for constructing.

20. A _____ marks an exact location. It doesn't have a specific measurement.

Down

2. The total measurement around the shape. You would add all of the sides together to get the _____.

4. An _____ is formed when there are two rays that share an endpoint. These can be obtuse, acute, right, or straight.

6. Two lines intersect with each other. Their slopes are the opposite reciprocal of each other. These lines are _____.

7. Two points that share the same line are _____. There can be multiple points on the same line.

8. There are two angles that add up to 90 degrees. They are adjacent to each other. What are these angles?

9. This is when there are figures that are identical in form. The term used for them is _____. You use this term a lot to describe two shapes that are exactly the same.

11. Two triangles that are not congruent to each other. Their angles are congruent, but their side measurements are proportional. The triangles are _____.

12. This point divides a segment into two parts. The two parts are congruent.

13. These are used in proofs. They are geometrical statements that are true.

16. A _____ is ongoing. It extends in both ends, which is represented arrows