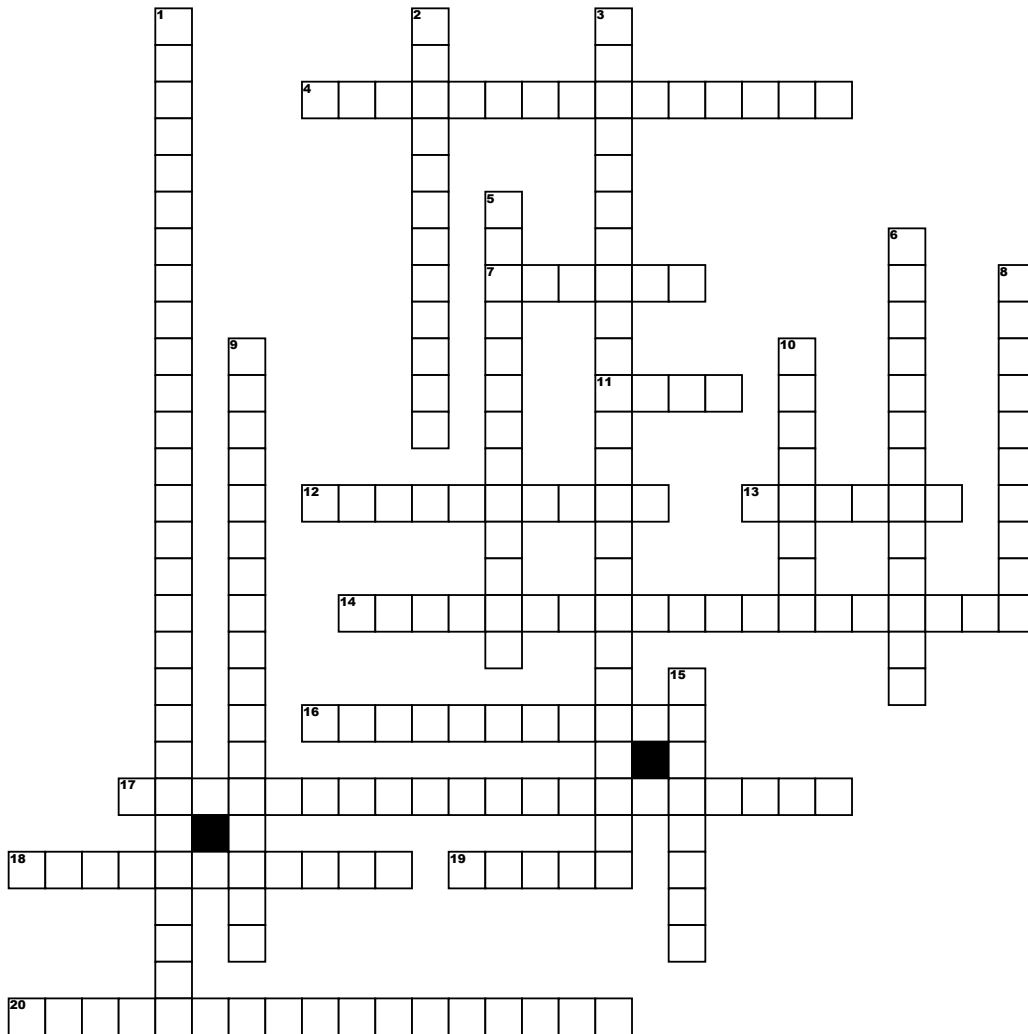Name: _____ Date: _____

Geometry terms and definitions

Across

4. A triangle with all three sides with different lengths

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

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

12. An angle that measures less than 90°

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

14. A triangle with all three sides of equal length (each internal angles = 60°)

16. An angle that measures more than 90°

17. Line segments that never intersect (they are always the same distance apart)

18. Part of a line between two points

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

20. is a vector that gives the length and direction of a particular translation.

Down

1. The lengths of the sides are proportional because lengths of each side of figure B are half of the corresponding side in figure A.

2. This full circle has 360°. It can also be called a

3. Line Segments that intersect (cross) at an angle of 90°

5. An angle that goes half way around the circle measures 180° and forms a straight line

6. Distance around a circle (the perimeter)

8. An angle that measures 90°

9. A triangle with two equal length sides (and two equal internal angles)

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

15. the branch of mathematics concerned with the properties and relations of points, lines, surfaces, solids, and higher dimensional analogs.

Word Bank

geometry
Parallel Line Segments
Line Segment
straight angle
Equilateral Triangle
Isosceles Triangle
Obtuse Angle

full rotation.
Radius
Vertex
Scalene Triangle
Translation Vector
Perpendicular Line Segment
Line

Diameter
Acute Angle
Determining Proportional Sides
Right Angle
Circumference
Point