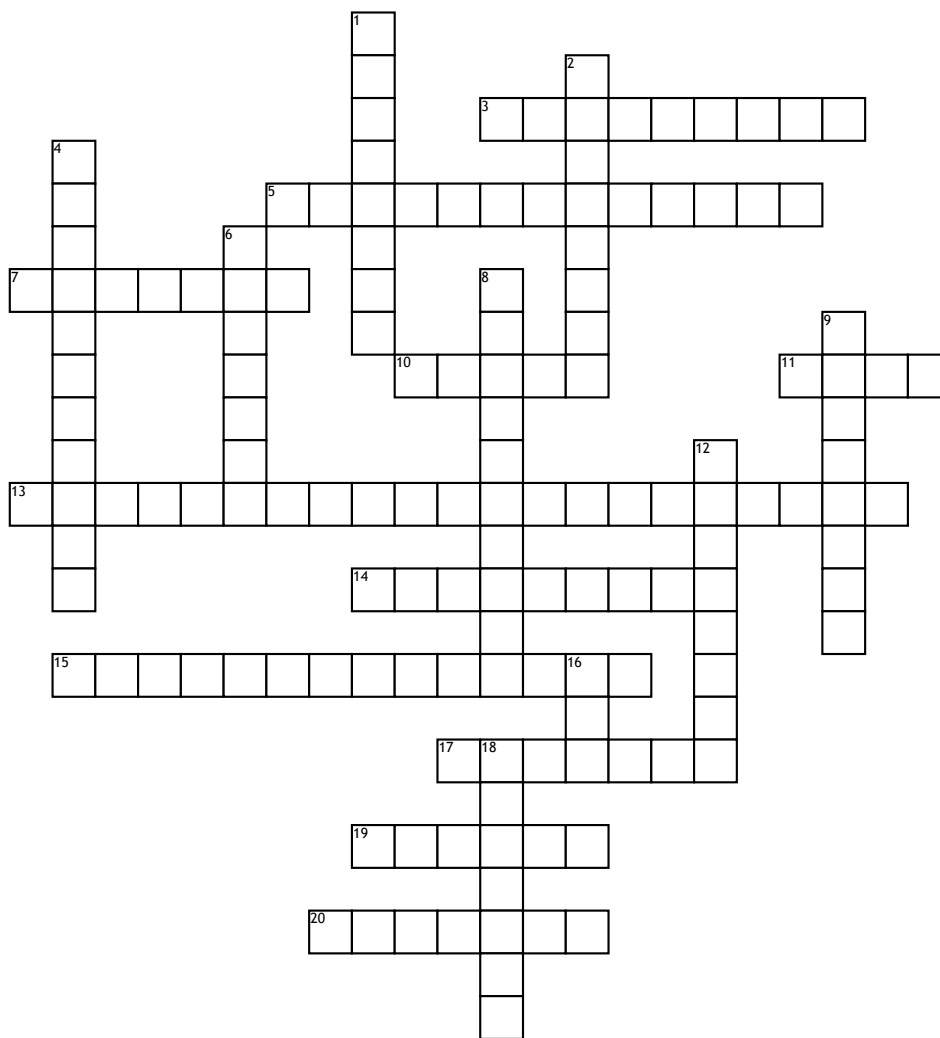


Name: _____

Date: _____

word puzzle



Across

3. The distance around a figure.
 5. A four-sided polygon.
 7. A ten-sided polygon.
 10. A figure formed by two line segments or rays with a common endpoint.
 11. A straight one-dimensional figure having no thickness and extending infinitely in both directions.
 13. A line that intersects a given segment at right angles and divides it into two equal parts.

14. Two geometric objects having the same measure.
 15. A line that divides a figure in half so that each half is the mirror image of the other.
 17. A series of connected line segments that starts and ends at the same place and does not intersect itself anywhere in between.
 19. A common endpoint of two sides of a polygon or an angle.
 20. A six-sided polygon.

Down

1. A seven-sided polygon.

2. A three-sided polygon.
 4. A set of points on a line consisting of two endpoints and all the points between them.
 6. A nine-sided polygon.
 8. An angle that measures 90° .
 9. A segment that connects two nonadjacent vertices of a polygon.
 12. A five-sided polygon.
 16. Part of a line that starts at a particular point and extends infinitely far in one direction.
 18. An eight-sided polygon.

Word Bank

Diagonal
 Nonagon
 Heptagon
 Right Angle
 Hexagon

Line Segment
 Decagon
 Octagon
 Line
 Quadrilateral

Perimeter
 Triangle
 Ray
 Vertex
 Perpendicular Bisector

Axis of Symmetry
 Congruent
 Polygon
 Angle
 Pentagon