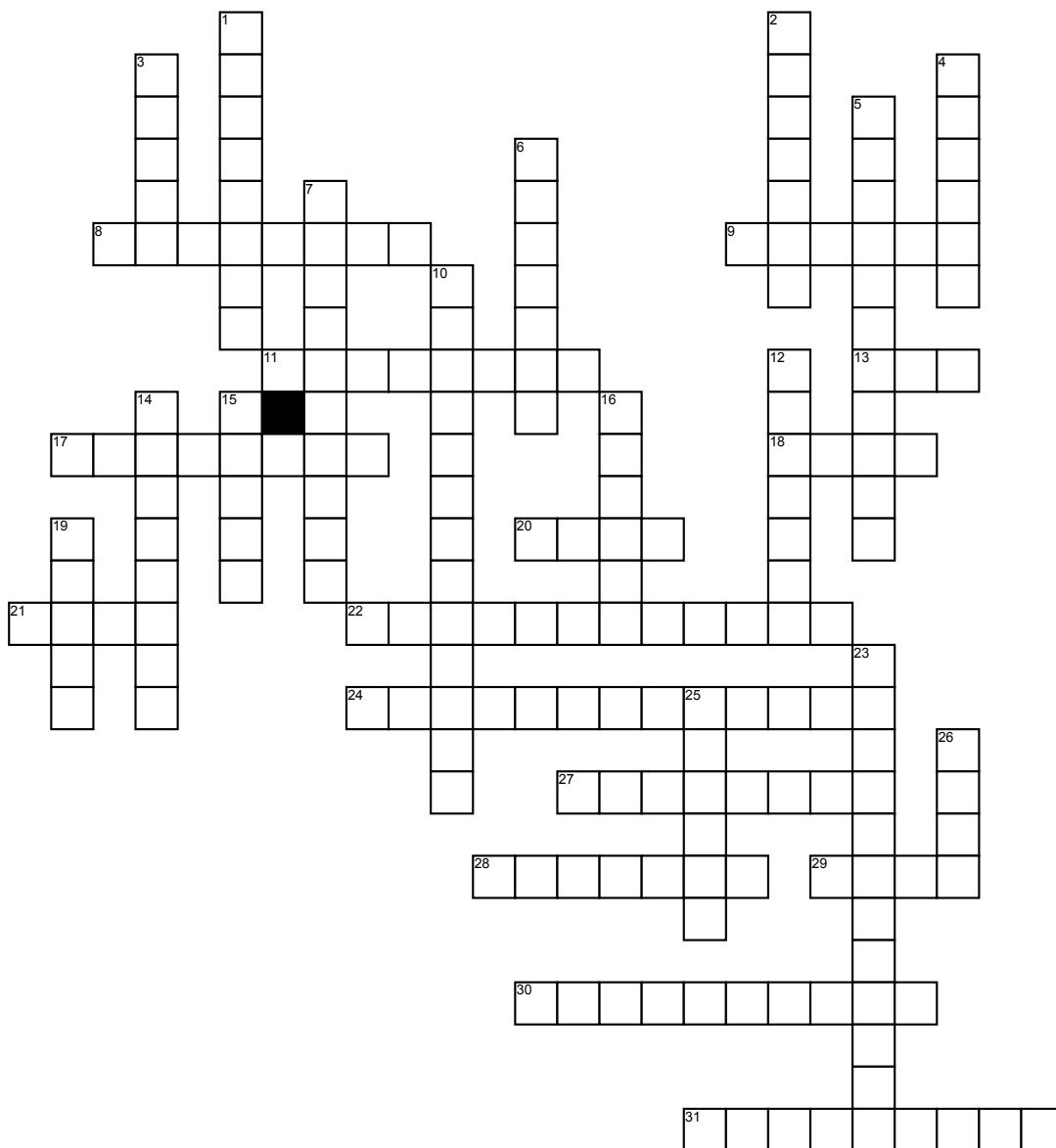Name: _____   Date: _____   Period: _____

Analytic Geometry Crossword Puzzle

Across

8. endpoints of the sides of the polygon

9. the measure of the amount of space inside of a solid figure, it is measured in cubic units.

11. a plane figure with five straight sides and five angles.

13. Part of a curve

17. the middle point of a line segment.

18. the sides of a triangle

20. The vertex at the tip of a cone or pyramid.

21. A three dimensional figure with a single base tapering to an apex.

22. two or more lines that meet or cross at a point

24. Distance around a circle (the perimeter)

27. four parts of a coordinate plane

28. a parallelogram with four equal sides and equal opposite angles.

29. a flat (planar) surface that forms part of the boundary of a solid object;

30. When three or more lines, rays, or segments meet at the same point

31. A quadrilateral which has a pair of opposite sides which are parallel. The parallel sides are called the bases, and the other two sides are called the legs.

Down

1. A line segment, line, or plane that divides a geometric figure into two congruent halves.

2. polygon with 8 sides

3. a flat surface with no thickness It extends forever.

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

5. An angle that measures more than 90°

6. A polygon with six sides.

7. An angle that measures less than 90°

10. A polygon with 4 sides and 4 angles.

12. a plane figure with at least three straight sides and angles.

14. two angles with a common side but no common interior points

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

16. A three dimensional solid consisting of all points equidistant from a given point.

19. A line segment joining two points on a curve

23. An angle in a circle with vertex at the circle's center.

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

26. A quadrilateral that has two pairs of consecutive congruent sides, but opposite sides are not congruent.