Name: _____   Date: _____   Period: _____
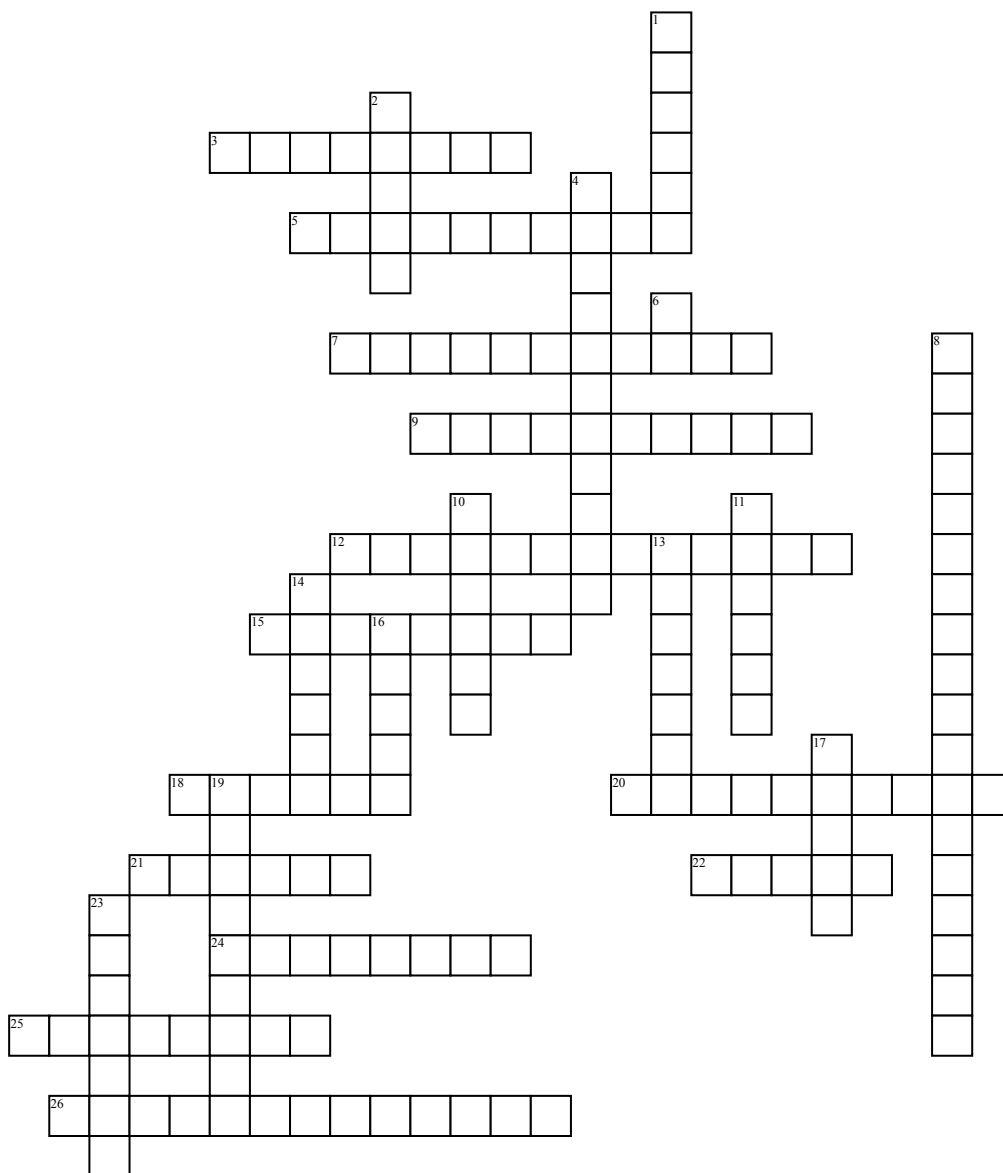
10th Grade Vocab

Across

3. Two lines that never intersect.
5. The longest side of a triangle
7. A transformation, or change in position, resulting from a slide with no turn.
9. A transformation resulting from a flip.
12. Two lines are parallel if they are in the same plane and never intersect.
15. A transformation in which a figure is rotated through a given angle, about a point.
18. A three-dimensional figure with all points in space a fixed distance from a given point, called the cent
20. A mathematical expression which shows that two quantities are not equal.

21. The point on an angle where the two sides intersect.
22. The vertical line on a graph
24. Line that divides a geometric figure into two congruent portions.
25. A line that evenly splits a shape or figure
26. A polygon with 4 sides.

Down

1. An angle whose measure is greater than 90 degrees.
2. The steepness of a line expressed as a ratio, using any two points on the line.
4. For a three-dimensional figure, the sum of the areas of all the faces.
6. The ratio of the circumference of a circle to its diameter.
8. The theorem that relates the three sides of a right triangle

10. The distance from the center to a point on a circle.
11. The point (0, 0) on a coordinate plane, where the x-axis and the y-axis intersect.
13. A polygon with 8 sides.
14. A measurement of space, or capacity
16. An angle smaller than 90 degrees.
17. The horizontal line on a graph
19. The sum of the lengths of the sides of a polygon.
23. A parallelogram with four equal sides.