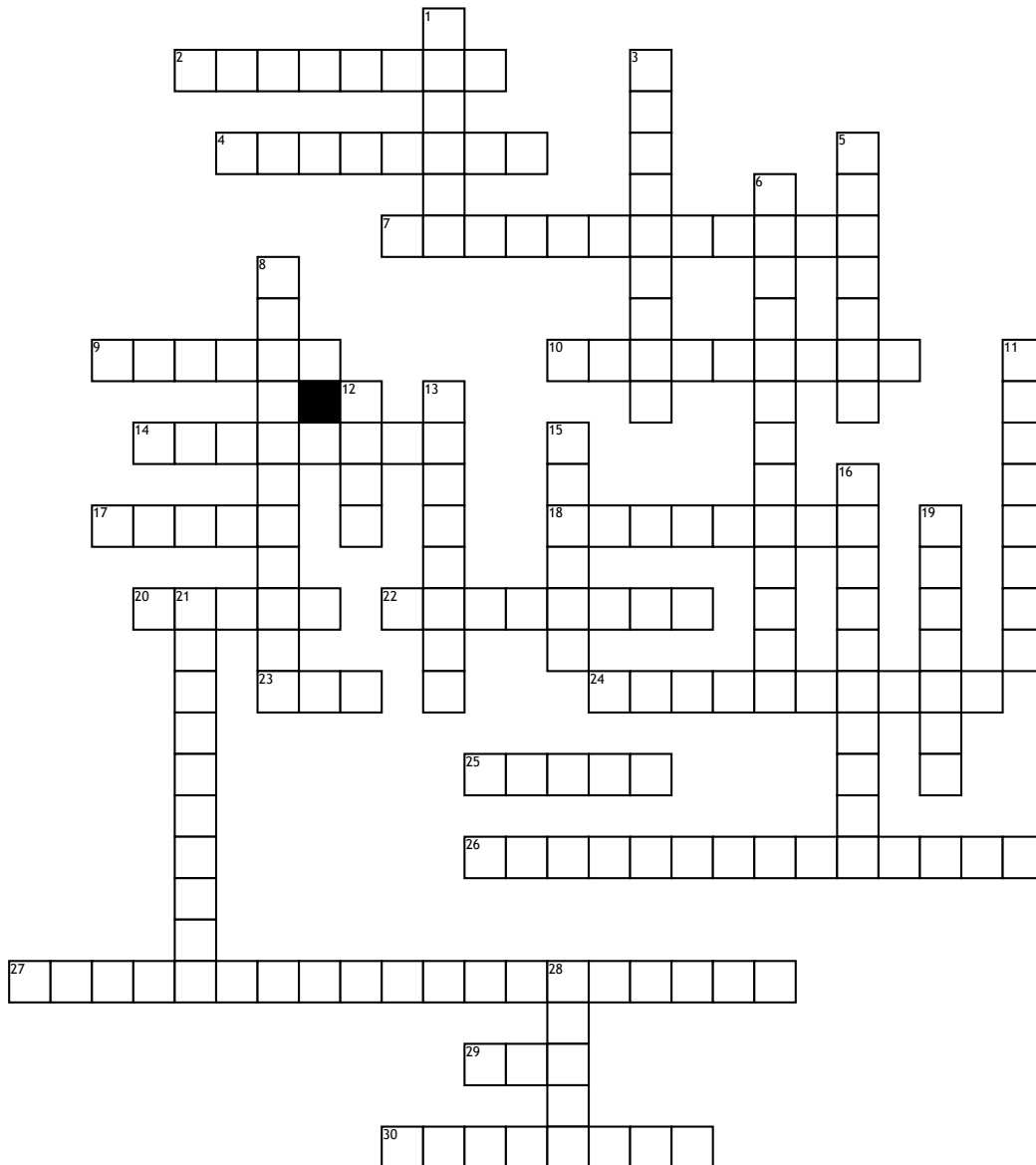


Math Crossword Puzzle



Across

- 2. two lines that will never touch. The lines both have the same slope
- 4. the longest chord of a circle. A segment that lies in the circle whose segments lie on the circle
- 7. a region of a plane that crosses through a solid figure. creates two shapes
- 9. a shape that is perfectly round. Circular 3 dimensional figure
- 10. identical in form. angles are the same (in degrees and radians)
- 14. a transformation around a point. rotates around its plotted points
- 17. describes the steepness of the line. calculated by the vertical change
- 18. Switching the hypothesis and conclusion of a statement. switches then and if
- 20. a segment. its endpoints line on a circle
- 22. a segment from one vertex to a non-consecutive vertex. joining to opposite sides of a shape

- 23. an unbroken part of a circle. consisting of two endpoints and all the points on the circle between the endpoints
- 24. maps a point to its image across a line. a transformation
- 25. the line that lies horizontally across a graph. carries both positive and negative integers
- 26. a section of the circumference of a circle. It is between either two different chords or line segments that meet at one vertex
- 27. lie on the same side of the transversal. also lie on the same side of the intersected line
- 29. one of a triangles sides. can be opposite or adjacent to the hypotenuse
- 30. a branch of mathematics. concerned with lines, surfaces, ect....

Down

- 1. a quantity that as both direction and magnitude. measuring the distance between the transformation.
- 3. a mathematical sentence that is either true or false. describing the picture shown in the problem

- 5. a line that intersects at exactly one point. apart of trigonometry
- 6. the total distance around the circle. $C = \pi d$
- 8. the total area of all the faces. the total area of all the curved surfaces of a three-dimensional figure
- 11. the beginning image. the image before the transformation
- 12. a quadrilateral whose has four sides in which two pairs of sides are congruent. The diagonals are perpendicular.
- 13. a point that marks the end of a line or ray. stops the line
- 15. a region bounded by two radii. as well as their intercepted arc
- 16. a line that intersects a circle at exactly two points. a straight line that cuts a curve in two or more parts
- 19. your teacher. teaches you geometry
- 21. the longest side of a right triangle. opposite the right angle.
- 28. measured in degrees. the space between two intersecting lines