Geometry Crossword

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| **Across**  **2.** a parallelogram having four right angles  **6.** an angle greater than 90 degrees but less than 180 degrees  **11.** the part of a straight line considered as originating at a point on the line and as extending in one direction from that point  **12.** a straight line extending from the center of a circle or sphere to the circumference or surface  **15.** a quadrilateral plane figure having two parallel and two nonparallel sides  **18.** the intersection point of two sides of a plane figure  **19.** a triangle with one internal angle equal to 90 degrees  **21.** a triangle with all sides equal and all angles equal  **23.** a polygon having six sides and six angles  **25.** a quadrilateral having both pairs of opposite sides parallel to each other  **28.** a curve that is continuous and has endpoints that meet at the same point  **29.** two line segments which cross to form 90 degree angles | **Down**  **1.** a closed plane curve consisting of all points at a given distance from a point within it called the center  **3.** a rectangle having all four sides of equal length  **4.** line segments that cross each other  **5.** a polygon with 5 sides and 5 angles  **7.** line segments that do not intersect  **8.** a straight line passing through the center of a circle or sphere and meeting the circumference or surface at each end  **9.** a triangle which has two sides equal  **10.** a triangle having three unequal sides and angles  **13.** a polygon with four sides  **14.** an angle less than 90 degrees but greater than 0 degrees  **16.** a 90 degree angle  **17.** a polygon having eight angles and eight sides  **20.** one part of a line  **22.** a continuous extent of length  **24.** the line segment between two points on a given curve  **26.** an equilateral parallelogram having oblique angles  **27.** a position in space |

   Perpendicular Line Segments       Right Angle        Equilateral Triangle       Scalene Triangle       Vertex       Right Triangle       Pentagon       Square       Intersecting Line Segments       Acute Angle       Chord       Radius       Line Segment       Line       Point        Parallelogram       Rectangle       Rhombus       Parallel Line Segments       Quadrilateral       Octagon       Circle       Trapezoid       Ray       Closed Curve       Isosceles Triangle       Hexagon       Diameter       Obtuse Angle