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| **Across**  **8.** a polygon with four sides  **11.** a polygon having six sides and six angles  **13.** a quadrilateral plane figure having two parallel and two nonparallel sides  **15.** the part of a straight line considered as originating at a point on the line and as extending in one direction from that point  **16.** the line segment between two points on a given curve  **20.** the extent or measurement of a surface or piece of land.  **21.** the intersection point of two sides of a plane figure  **24.** a polygon with 5 sides and 5 angles  **26.** a continuous extent of length  **28.** line segments that cross each other  **29.** a triangle with one internal angle equal to 90 degrees  **30.** one part of a line | **Down**  **1.** a straight line extending from the center of a circle or sphere to the circumference or surface  **2.** a closed plane curve consisting of all points at a given distance from a point within it called the center  **3.** a straight line passing through the center of a circle or sphere and meeting the circumference or surface at each end  **4.** a triangle having three unequal sides and angles  **5.** two line segments which cross to form 90 degree angles. makes a T.  **6.** a curve that is continuous and has endpoints that meet at the same point  **7.** line segments that do not intersect  **9.** a triangle with all sides equal and all angles equal  **10.** an angle less than 90 degrees but greater than 0 degrees  **12.** a triangle which has two sides equal  **14.** a position in space  **17.** a parallelogram having four right angles  **18.** a 90 degree angle.  **19.** a rectangle having all four sides of equal length  **22.** an angle greater than 90 degrees but less than 180 degrees  **23.** a quadrilateral having both pairs of opposite sides parallel to each other  **25.** an equilateral parallelogram having oblique angles  **27.** a polygon having eight angles and eight sides |

   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       area