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Geometry Vocabulary Crossword Puzzle

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| **Across**  **1.** Two lines that intersect. The relationship between the two lines meet at a right angle.  **4.**  A straight line going through the center of a circle. It connects two points on the circle's circumference.  **6.** Line segments that do not intersect. They are side by side and have the same distance continuously between them.  **10.**  The distance from the center to the circumference of a circle. It is half of the circle's diameter.  **12.** A straight path that extends in two opposite directions without end, and has no thickness. A \_\_\_\_\_\_\_\_\_ can contain infinite points.  **15.**  A transformation that moves an image a certain distance. It slides an image within a plane without rotating or flipping it.  **16.** The common endpoint of two or more rays or line segments. It is the corner or point where lines meet.  **18.** A 3-dimensional point, line, or shape. It is a region in which objects exist.  **19.** Two angles that add up to equal 90 degrees. Two angles that add up to 180 degrees are supplementary, while two angles that add up to 90 degrees are \_\_\_\_\_\_\_\_\_.  **20.** An angle that is equal to 90 degrees. It is usually represented by a small square on the vertex of the angle. | **Down**  **2.** A pair of adjacent angles formed by intersecting lines. Another word for supplementary angles, meaning that they add up to equal 180 degrees.  **3.** The perimeter or distance around the edge of a circle. The equation to find the \_\_\_\_\_\_\_\_\_\_ is πd or 2πr.  **5.** A 2-dimensional shape that has three sides and three angles. There are three types of a \_\_\_\_\_\_\_\_; Equilateral, Isosceles, and Scalene.  **7.**  A triangle that has two sides of equal length. The angles opposite the equal sides are also equal.  **8.**  A trigonometric function used in a right angled triangle. It is the length of the adjacent side divided by the length of the hypotenuse.  **9.** A flat surface that extends forever and does not end. It contains an x and y axis, and infinite points and lines.  **11.** Unit to measure angles. One \_\_\_\_\_\_\_\_\_\_ is the angle measurement of 1/360th of a circle.  **13.** A part of a line that consists of one endpoint. When naming a \_\_\_\_\_\_\_\_\_, the endpoint MUST com first.  **14.** A transformation that turns an image around a given point. It can be transformed by turning it clockwise or counterclockwise.  **17.**  A part of a line that consists of two endpoints. This forms when two points are connected. |