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Geometry Crossword

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| **Across**  **1.** The exterior angle of a triangle is equal to the two opposite interior angles added together  **4.** an angle that is on the inside of two parallel lines that have been intersected  **5.** To turn a figure on a point  **7.** to slide a figure up, down, left, or right  **8.** Pringles can, pop can, a three dimensional figure that has two circular bases  **11.** an angle that is on the outside of two parallel lines that have been intersected  **12.** two angles that are on the opposite sides of the traversal and outside parallel lines (congruent)  **13.** -two angles that are on the opposite sides of the traversal and inside parallel lines (congruent)  **15.** Same Size and Shape  **17.** Same Shape but different size, ratios of side lengths are proportional  **18.** Two angles that form a straight line (180 degrees)  **22.** to flip a figure across a line of reflection  **23.** the legs of two right triangles squared and added together equal the hypotenuse squared  **24.** Two angles that form a right angle (90 degrees)  **25.** two angles that are on the same side of the traversal and outside of two parallel lines (supplementary)  **26.** the angles that occupy the same relative position in a circle of angles | **Down**  **2.** the side opposite the right angle on a right triangle  **3.** all angles in a triangle equal 180 degrees  **6.** the number you multiply a coordinate by to perform a dilation  **9.** two angles that are on the same side of the transversal and inside two parallel lines (supplementary)  **10.** The line that intersects two parallel lines  **14.** To increase or decrease the size of a figure by a scale factor  **16.** Rotations, Translations, and Reflections  **19.** the two sides that make up the right angle  **20.** basketball, Earth, a three dimensional round figure  **21.** ice cream cone- a three dimensional figure that has a circular base and comes to a point |

   Transformations       Rotations       Reflection       Translation       Congruent       Similar       Dilation       Scale Factor       exterior angle       interior angle       supplementary       Complementary       corresponding       alternate interior        alternate exterior       transversal       same side interior       same side exterior       Triangle Angle Sum       Exterior Angle Theorem       Pythagorean Theorem       Legs       Hypotenuse       Cylinder       Cone       Sphere