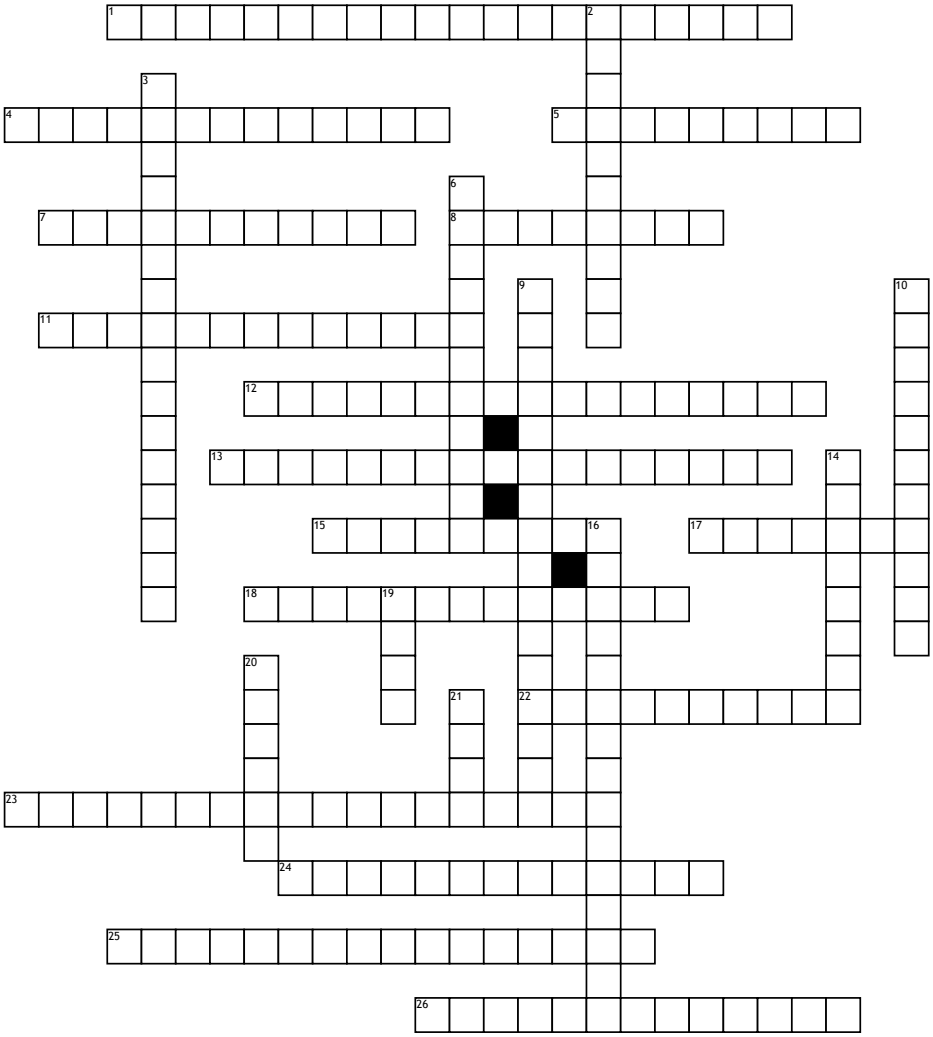
Name: _____ Date: _____

Geometry Crossword



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

Word Bank

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

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