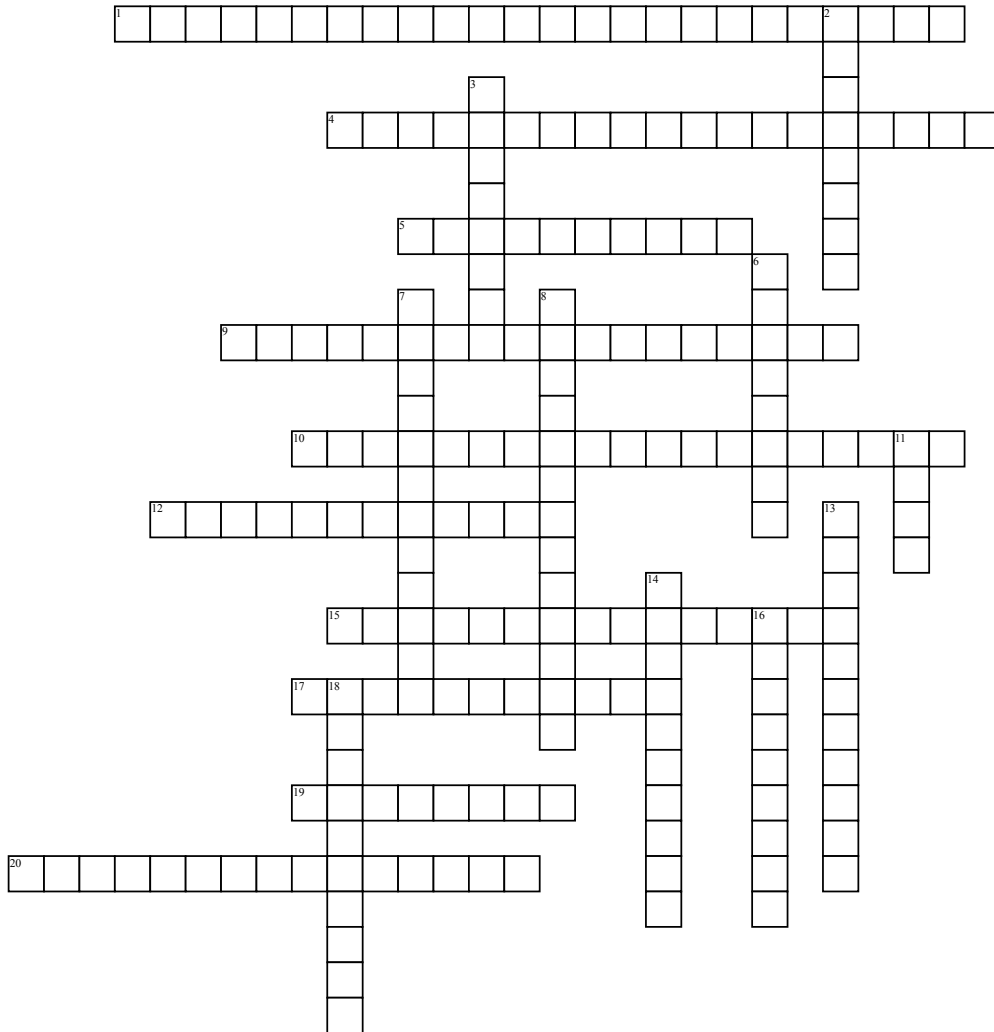


Geometry Vocabulary



Across

- 1. reflection+reflection=rotation
- 4. A figure is a rotation symmetric figure if and only if there is a rotation R with a magnitude between 00 and 360o such that R(figure) = figure.
- 5. set of numbers laid out in tabular form (in rows and columns).
- 9. When it still looks the same after a rotation (of less than one full turn).
- 10. a triangle in which all three sides are equal.

- 12. A line through a shape so that each side is a mirror image.
- 15. translation+reflection
- 17. Cut against another line
- 19. same spot different lines
- 20. a triangle that has three unequal sides

Down

- 2. Preserves length
- 3. A transformation in which a figure grows larger
- 6. Rotate

- 7. any transformation, as a translation or rotation, of a set such that the distance between points is preserved.
- 8. a vertical fore-and-aft plane that divides an airplane into symmetrical halves.
- 11. Another word of two congruent sides of a isosceles triangle
- 13. Slide
- 14. Flip
- 16. (of a triangle) having two sides of equal length.
- 18. Rule: (x,y)~(-y,x)

Word Bank

Rotation	isometry	Same Side	Legs
Plane Symmetry	glide reflection	Rotation 90	Isosceles
Reflection 2 interior lines	Equilateral Triangle	Ridgid Motion	Dilation
Rotational Symmetry	Axis Symmetry	Translation	Transversal
matrix form	Magnitude of Symmetry	Reflection	scalene triangle