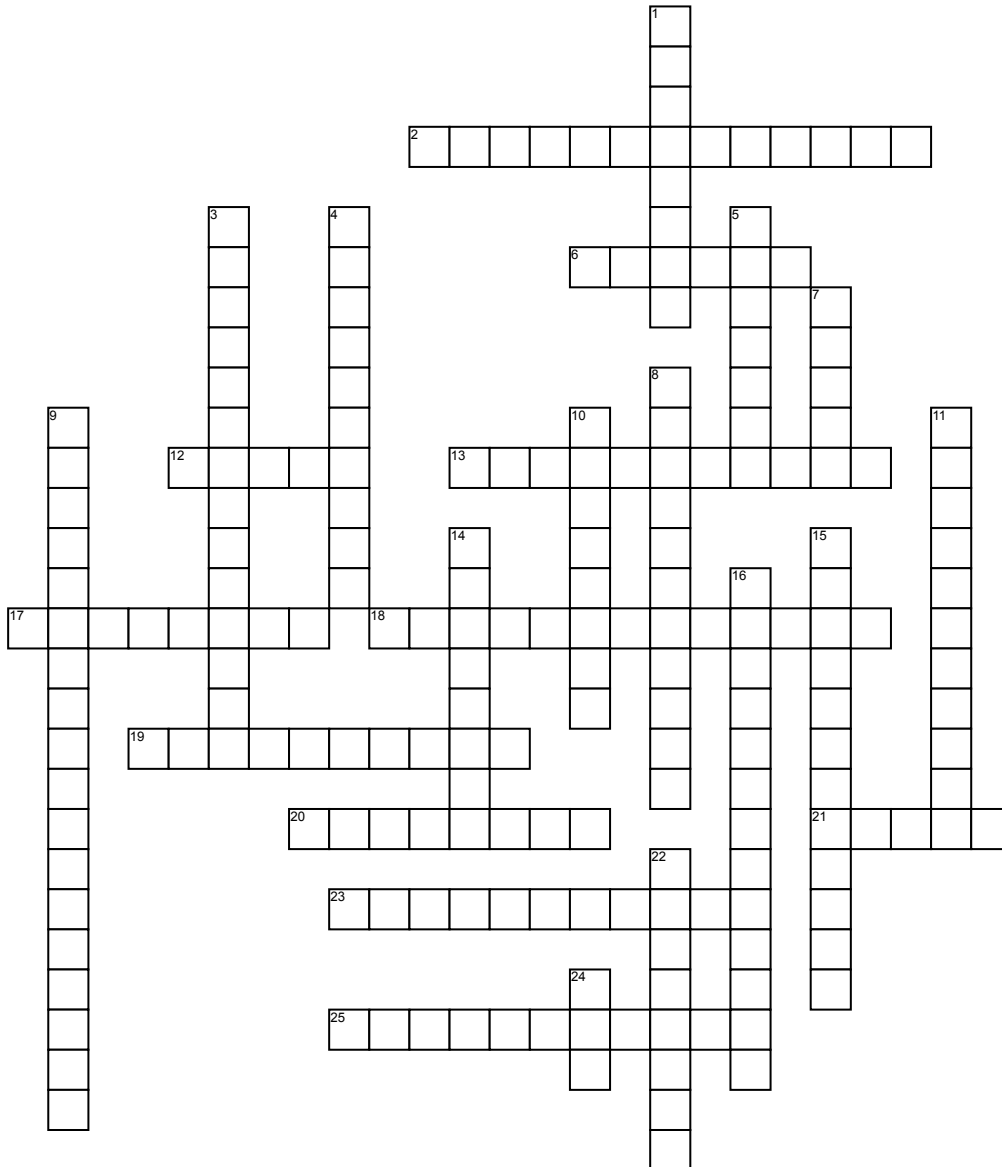


Geometry Crossword Puzzle



Across

2. Two angles are said to be _____ if their sum is 90 degrees.
 6. The common endpoint of two or more rays or line segments.
 12. Location on a graph.
 13. A motion which preserves distance.
 17. A transformation that is invariant with respect to distance.
 18. A line meeting another at a right angle, or 90°
 19. Exactly equal in size and shape.
 20. Two lines that are always the same distance apart and never touch.
 21. A shape, formed by two lines or rays diverging from a common point (the vertex).
 23. Term used in geometry to describe a function that moves an object a certain distance.

25. A number which scales, or multiplies, some quantity

Down

1. The branch of mathematics that treats the properties, measurement, and relations of points, lines, angles, surfaces, and solids.
 3. General term for four specific ways to manipulate the shape of a point, a line, or shape.
 4. The throwing back by a body or surface of light, heat, or sound without absorbing it.
 5. The part of a line that connects two points. It has definite end points.
 7. The quantitative relation between two amounts showing the number of times one value contains or is contained within the other.
 8. Combining two functions by substituting one function's formula in place of each x in the other function's formula.

9. The angles that occupy the same relative position at each intersection where a straight line crosses two others.
 10. Numerical measurement of how far apart objects are.
 11. A line that cuts across two or more (usually parallel) lines.
 14. Line which runs from up and down the page.
 15. A drawing that shows a real object with accurate sizes reduced or enlarged by a certain amount
 16. Two Angles are _____ when they add up to 180 degrees.
 22. A transformation in which a figure grows larger.
 24. A portion of a line which starts at a point and goes off in a particular direction to infinity.