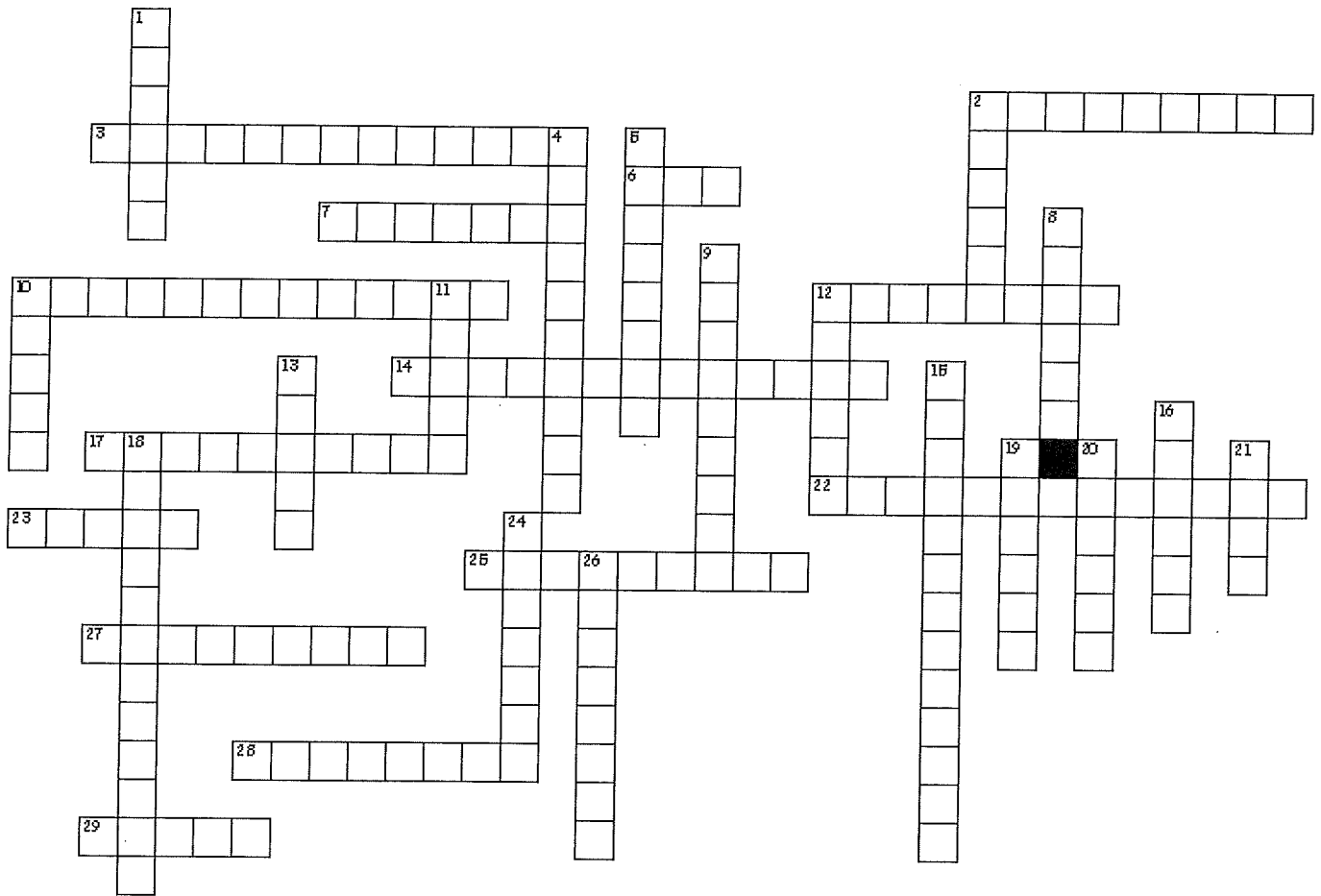


# Math Vocabulary Crossword Puzzle



## Across

2. distance around a polygon
3. lines in the same place that never intersects
6. part of a line that has one endpoint and extends in one direction without end
7. Chinese puzzle made by cutting a square of thin material into seven pieces which can be recombined into many different figures
10. quadrilateral with opposite sides parallel and each pair of opposite sides and angles are congruent
12. correspondence in size, shape, and relative position of parts on opposite sides of a dividing line
14. polygon with four sides and four angles whose sum is 360 degrees

17. angle that measures 90 degrees
22. two angles whose measures have a sum of 180 degrees
23. a distance from side to side
25. equal
27. triangle with two congruent sides
28. transformation obtained by rotating a figure a given turn angle about a point
29. two rays with a common endpoint called the vertex

Down

1. four equal sides and four right angles
2. solve with difficulty or ingenuity
4. quality or state of being similar
5. polygon having three sides
8. point where two or more rays meet
9. parallelogram with four right angles
10. exact location in space
11. angle with a measure less than 90 degrees
12. give a particular form or shape to
13. flat surface extending in all directions
15. two angles whose measures have a sum of 90 degrees
16. angle that measures more than 90 degrees but less than 180 degrees
18. lines that cross at one point
19. a unit for measuring angles
20. longer or longest dimension of an object
21. number of square units needed to cover a given space
24. closed plane figure made up of line segments
26. branch of mathematics that deals with the measurement, properties, and relationships of points, lines, angles, surfaces and solids