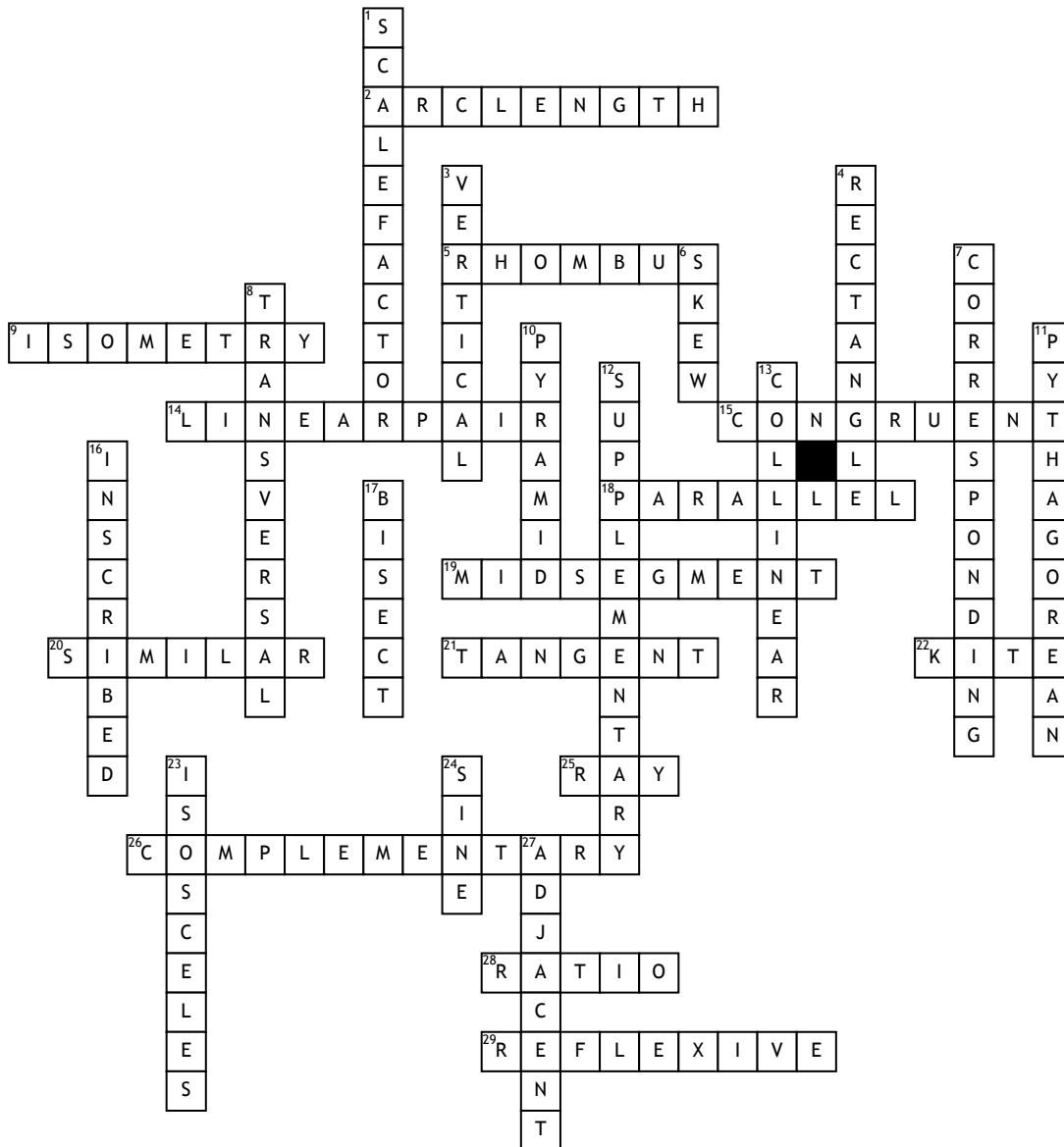


# Geometry Vocabulary



## Across

2. the distance around part of the circle
5. a square is both a rectangle and \_\_\_\_\_
9. a transformation in which the preimage and image are congruent
14. A pair of adjacent angles that form a line.
15. if two lines are parallel, then alternate interior angles are \_\_\_\_\_.
18. Same side interior angles are supplementary if the lines are \_\_\_\_\_
19. The \_\_\_\_\_ of a triangle is half the length of the base.
20. \_\_\_\_\_ figures have the same shape but not necessarily the same size.

21. a line that touches a circle in exactly one point
22. a quadrilateral that has two pairs of consecutive sides congruent.
25. a geometric figure that has an endpoint and goes on infinitely in one direction.
26. a pair of angles that add up to 90
28. a comparison of two things
29.  $\angle A = \angle A$
- ### Down
1. the ratio of the corresponding side lengths of two similar figures.
3. A pair of angles that are formed with two straight lines.
4. a parallelogram that has four right angles
6. Lines that do not intersect and are noncoplanar.

7. \_\_\_\_\_ parts of congruent triangles are congruent.
8. a line that intersects two or more lines.
10. the volume of a \_\_\_\_\_ is  $\frac{1}{3}$  the volume of a prism
11. The theorem that says the sum of the squares of the legs in a right triangle is equal to the square of the hypotenuse.
12. a pair of angles that add up to 180
13. points that lie on the same line
16. an angle whose measure is half the intercepted arc
17. to cut in half
23. a triangle with at least two sides congruent.
24. The trig ratio that is "opposite leg over hypotenuse"
27. A pair of angles that share a common vertex and side.