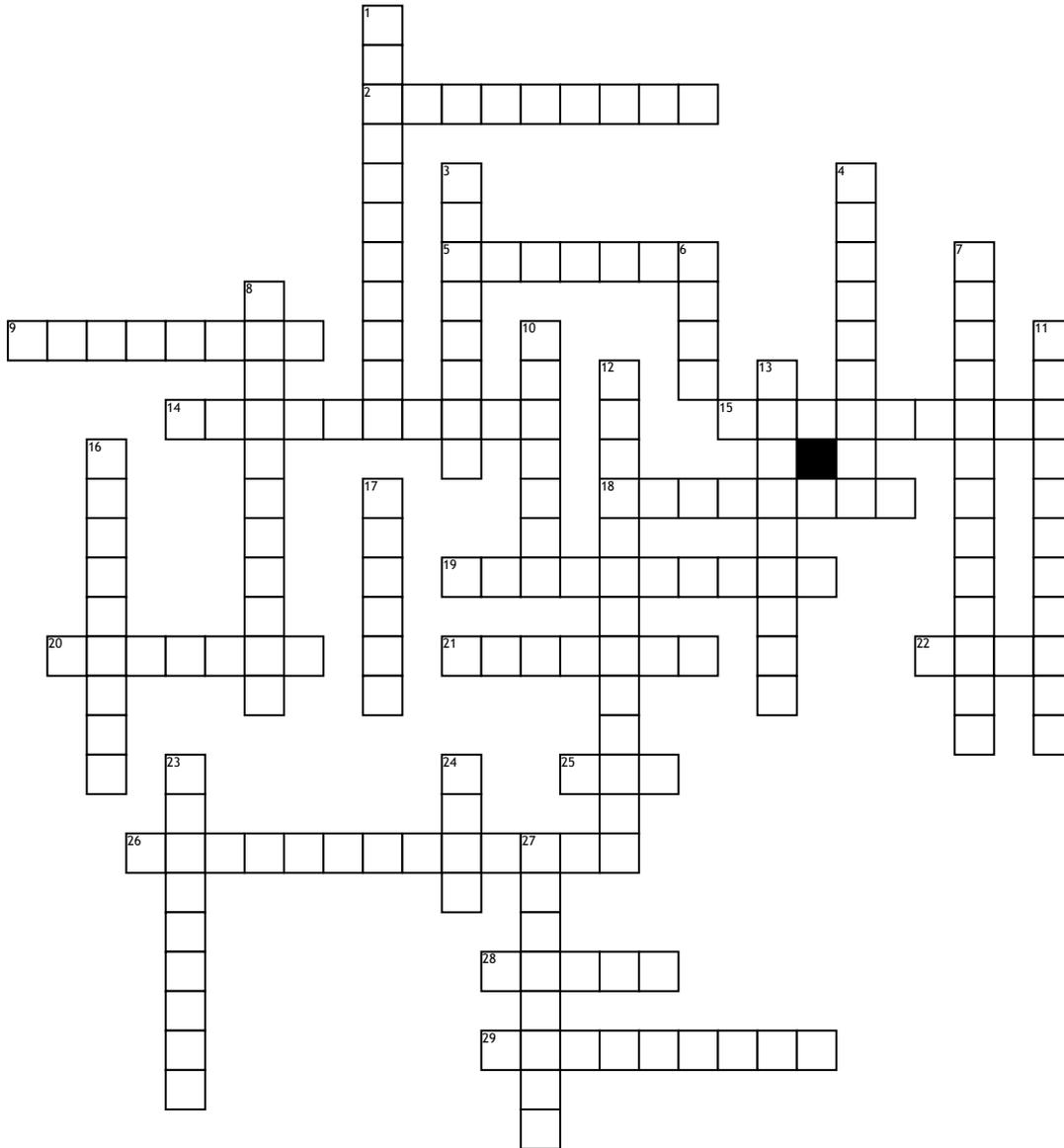


Geometry Vocabulary



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.