Geometry Crossword
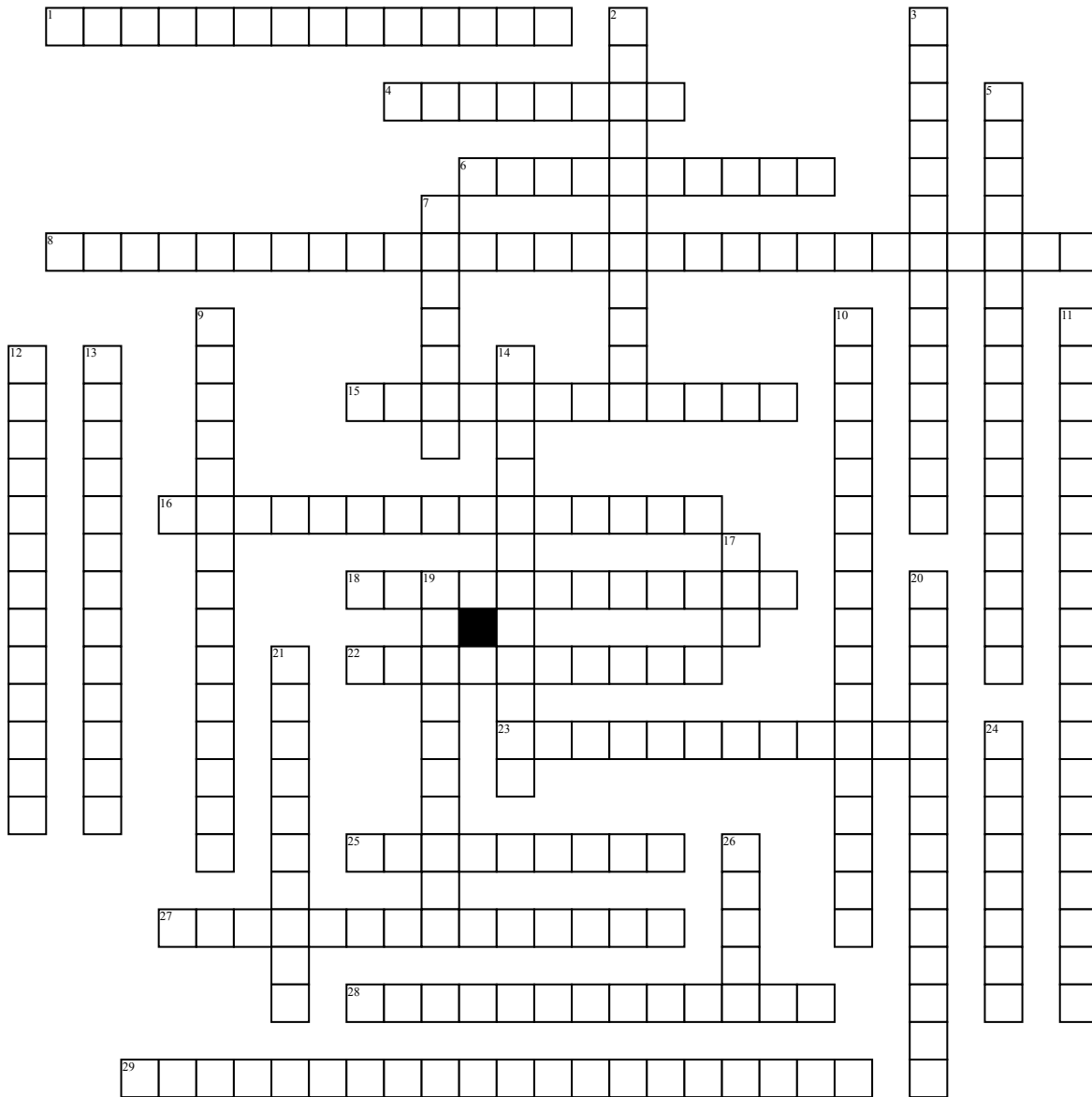
Across

1. consists of endpoints that lie on the sides of an inscribed angle and all the points of the circle between them

4. an arc whose points are on or in the exterior of a corresponding central angle

6. angles that have the base as a side

8. L=1/2Pl

15. an angle with measure less than or equal to 180 degrees whose vertex lies at the center of a circle

16. the volume of a sphere with radius r his given by V=4/3(pie)r^3

18. angle formed by the legs

22. has lateral edges that are perpendicular to the bases with faces that are all rectangles

23. a prism that has at least on none-rectangle lateral face

25. a cone whose axis is perpendicular to the base

27. an angle whose vertex lies on a circle and whose sides contain of the circle.

28. has bases that are perpendicular to its center axis

29. the surface area of a sphere with radius r is given by s=4(pie)r^2

Down

2. the total area of all the faces and curved surfaces of a three-dimensional figure

3. a regular polygon and the lateral faces are congruent isosceles triangles.

5. the volume V of a pyramid with base area B and height h is given by V=1/3 Bh

7. a line in the same as a circle that intersects the in exactly one point

9. the point where a tangent and a circle intersect

10. Triangle with at least two congruent sides

11. a triangle with three congruent sides

12. an angle formed by two sides of a polygon with a common vertex

13. an angle formed by one side of a polygon and the extension of an adjacent side

14. a region of a place that intersects a solid figure

17. a diagram of the surfaces of a three-dimensional figure that can be folded to form the three-dimensional figure.

19. an angle who's measure is equal to 90 degrees and found in every right triangle

20. the formula for the volume of a right rectangular prism with length l, width w, and height h is V=lwh

21. an arc whose endpoints are the endpoints of a diameter

24. an arc whose points are on or in the interior of a corresponding central angle.

26. a segment whose endpoints lie on a circle.