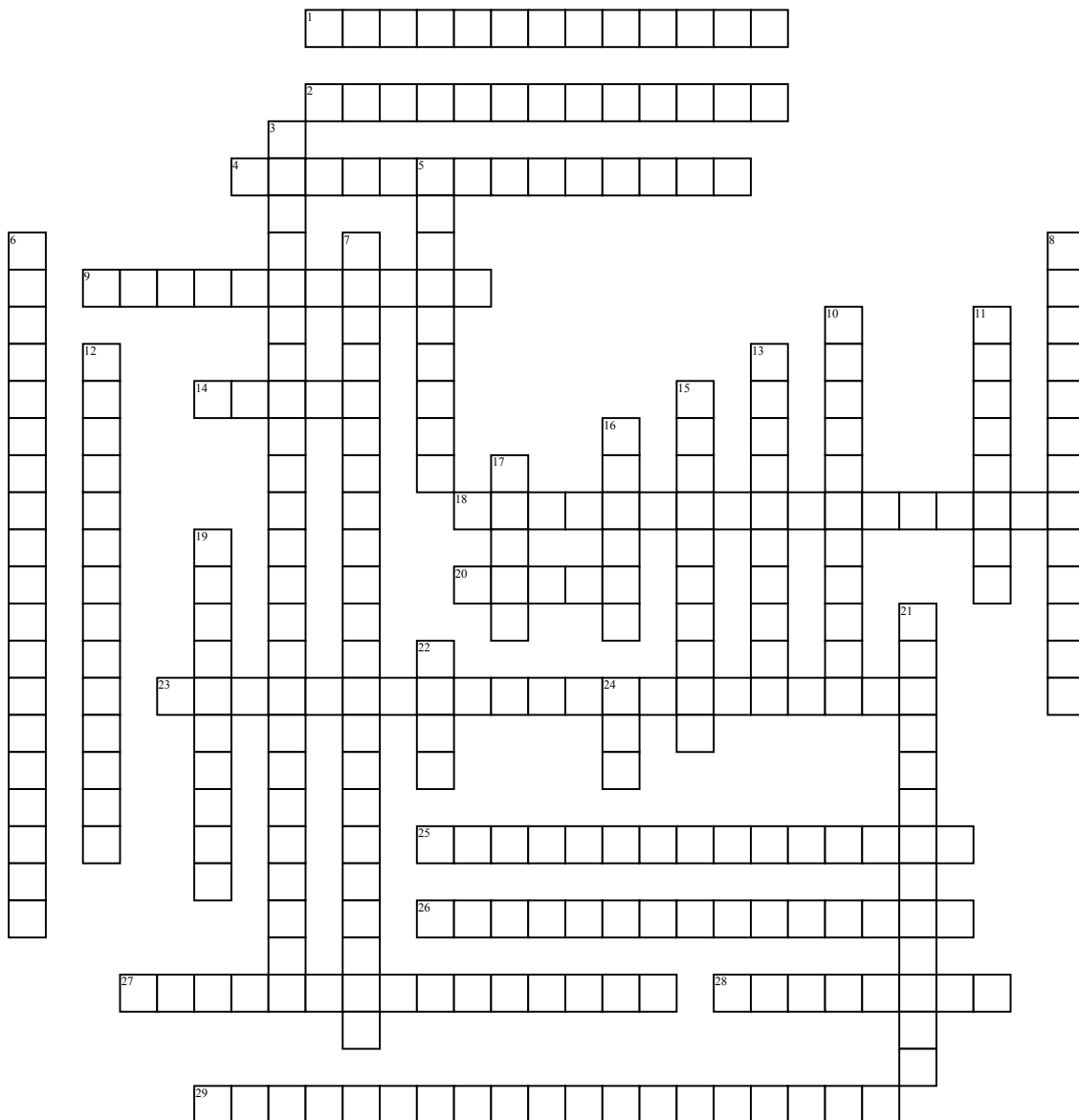# Geometry Basics Vocabulary

Across

1. 2 lines intersecting at 90 degrees

2. an angle that is 180 degrees

4. 2 intersecting lines that form 2 equal length angles directly across from each other

9. an angle that is greater than 90 degrees

14. a flat surface using 3 or 4 points

18. 2 or more segments with the same length

20. the intersection of 2 rays with a common endpoint

23. a line, segment, or ray perpendicular to segment at its midpoint

25. 2 angles that have the same length

26. middle point of segment divides segment into 2 equal parts

27. a segment, a line, or a plane that intersect the segment at its midpoint

28. a space between 2 points

29. the sum of 2 angles equal 180 degrees

Down

3. the sum of the parts are equal to the whole

5. points on the same line

6. the sum of 2 angles equal 90 degrees

7. the sum of the parts equal the whole

8. a line or ray that divides the angle 2 equal parts

10. part of a line with 2 end points

11. points on the same plane

12. 2 angles that share a common side and vertex

13. an angle that is 90 degrees

15. adjacent angles that are supplementary and combined form a line

16. common endpoint of any angle

17. a location in space

19. an angle that is less than 90 degrees

21. 2 lines that are equidistant and never intersect

22. a series of points with no end

24. a part of a line that has 1 end point