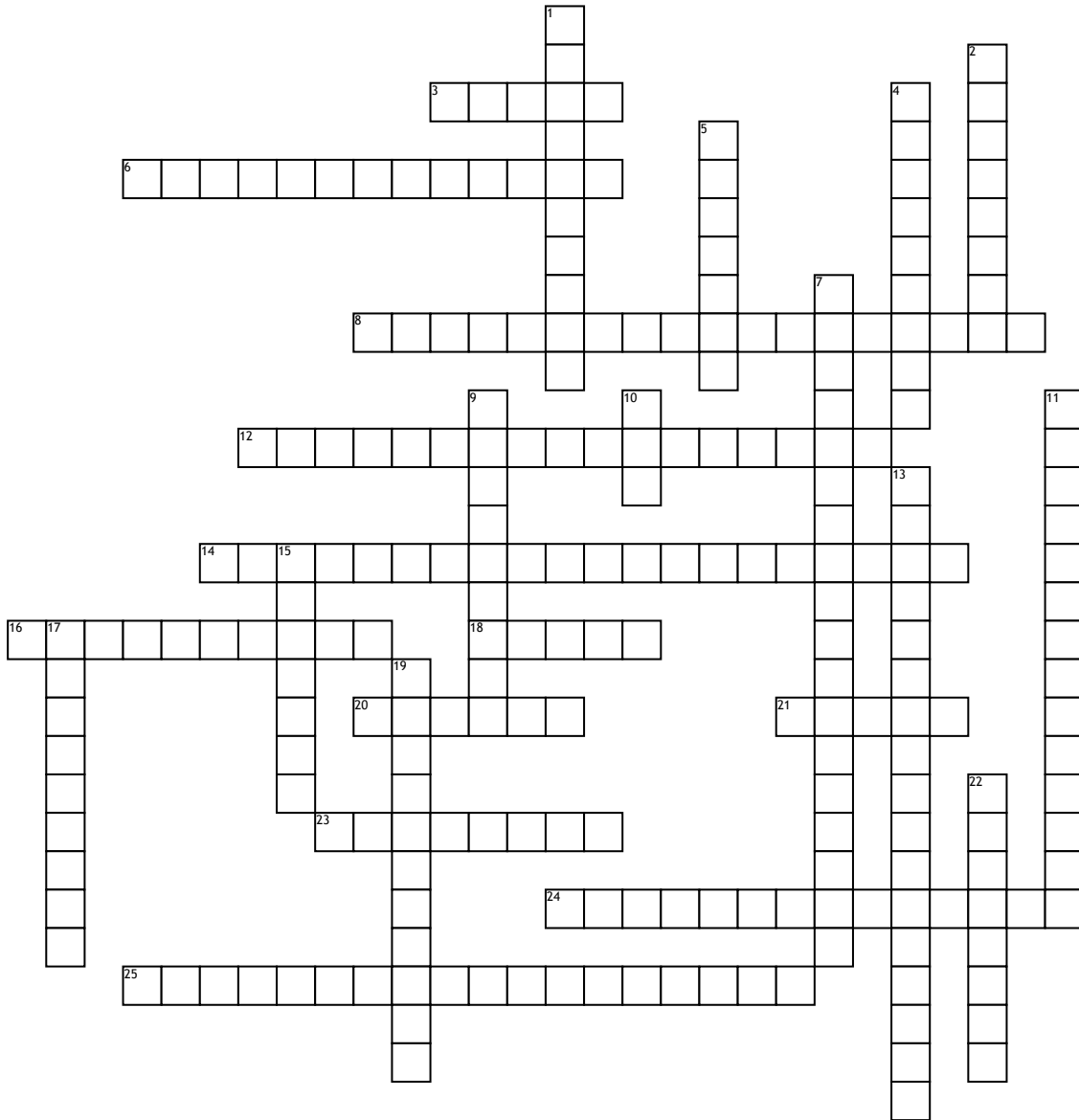# geometry

Across

3. names a location & has no size, represented by a dot

6. Intersecting to form 90 degree angles

8. if a = b & b = c, then a = c

12. is set of all points outside the angle

14. a(b + c) = ab + ac

16. angle that measures greater the 0 degrees & less than 90 degrees

18. figure formed by 2 rays with a common endpoint

20. to divide into two congruent parts

21. argument that uses logic to show conclusion is true

23. the distance between 2 points, P._____.Q

24. nonadjacent angles formed by two intersecting lines

25. 2 angles whose measure have a sum of 180 degrees

Down

1. pair od adjacent angles whose noncommon sides are opposite rays

2. the point that divides a segment in two

4. Having the same size & shape

5. statement that has been proven

7. 2 angles whose measure have a sum of 90 degrees

9. statement that is accepted as true without proof

10. is part of a line starts at and endpoint & extends forever in one direction

11. 2 angles in same plane with common vertex & a common side, but NO common interior points

13. set of all points between the sides of the angle

15. part of a line consisting of 2 points & all points between

17. points tha lie on same line

19. A._____.B

22. points that lie on same plane