Geometry Crossword
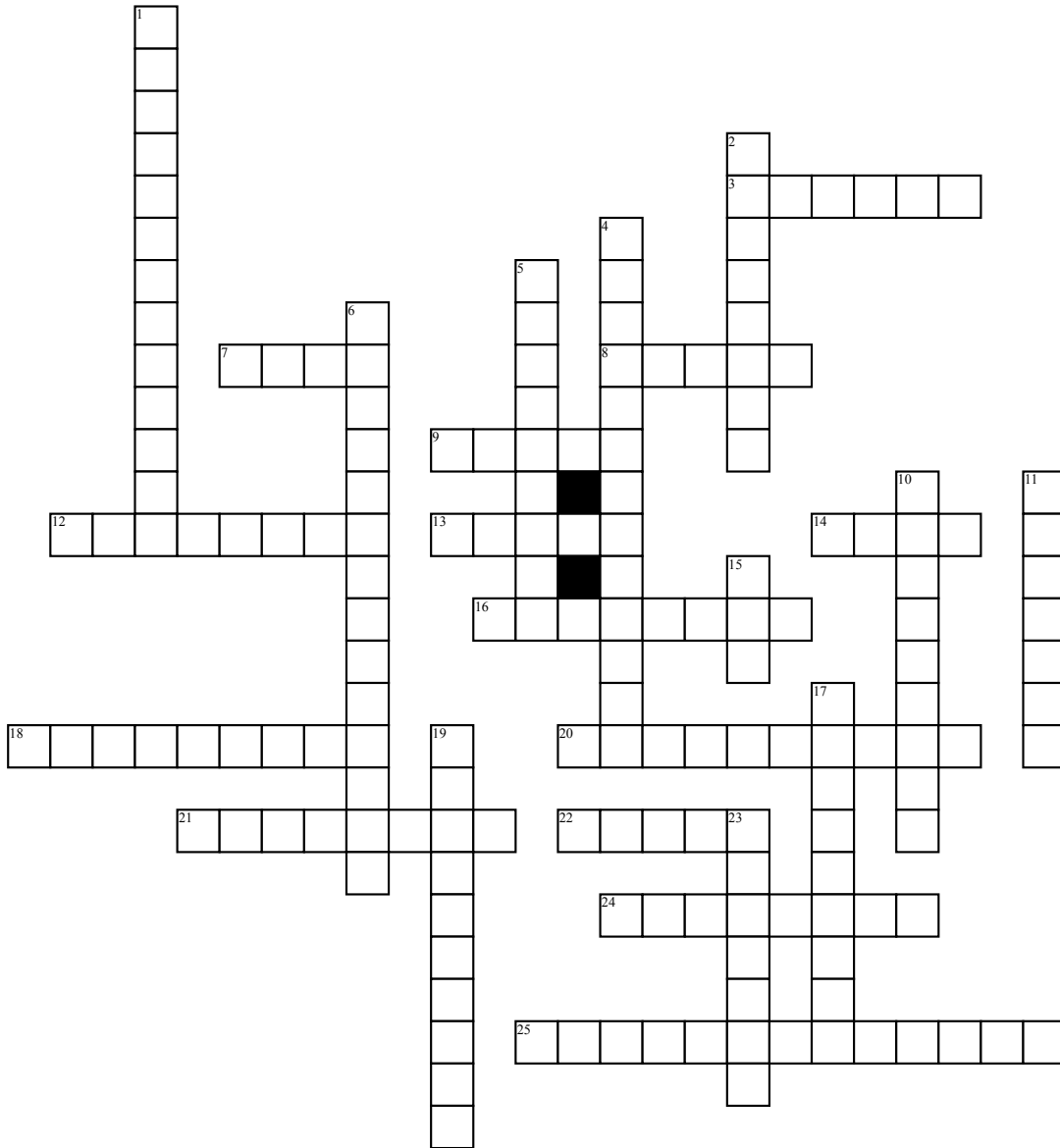
Across

3. an angle with a measure greater than 90 degrees

7. lines that are not parallel and will not intersect

8. represented by a dot and named by a capital letter

9. an angle with a measure less than 90 degrees

12. coplanar lines that do not intersect

13. set of points; named with a capital letter or three non-collinear points

14. named by a lower case letter or any two points on the line

16. non-adjacent angles formed by two intersecting lines

18. points that lie on same line

20. statement that follows the word if in a conditional statement

21. point that divides segment into two congruent segments

22. an angle with a measure equal to 90 degrees

24. divides a segment into two congruent segments

25. angles that add up to 180 degrees

Down

1. lines that intersect to form right angles

2. points that lie in same plane

4. angles that add up to 90 degrees

5. a statement that is accepted true without a proof

6. a proof that contains statements and reasons organized in two columns

10. reasoning that uses a number of specific examples or patterns to come to a prediction

11. part of a line that has two endpoints

15. part of a line that has one endpoint and extends infinitely in one direction

17. reasoning that uses facts, rules, definitions, or properties to come to a logical conclusion

19. statement that follows the word then in a conditional statement

23. a statement or conjecture that can be proven true