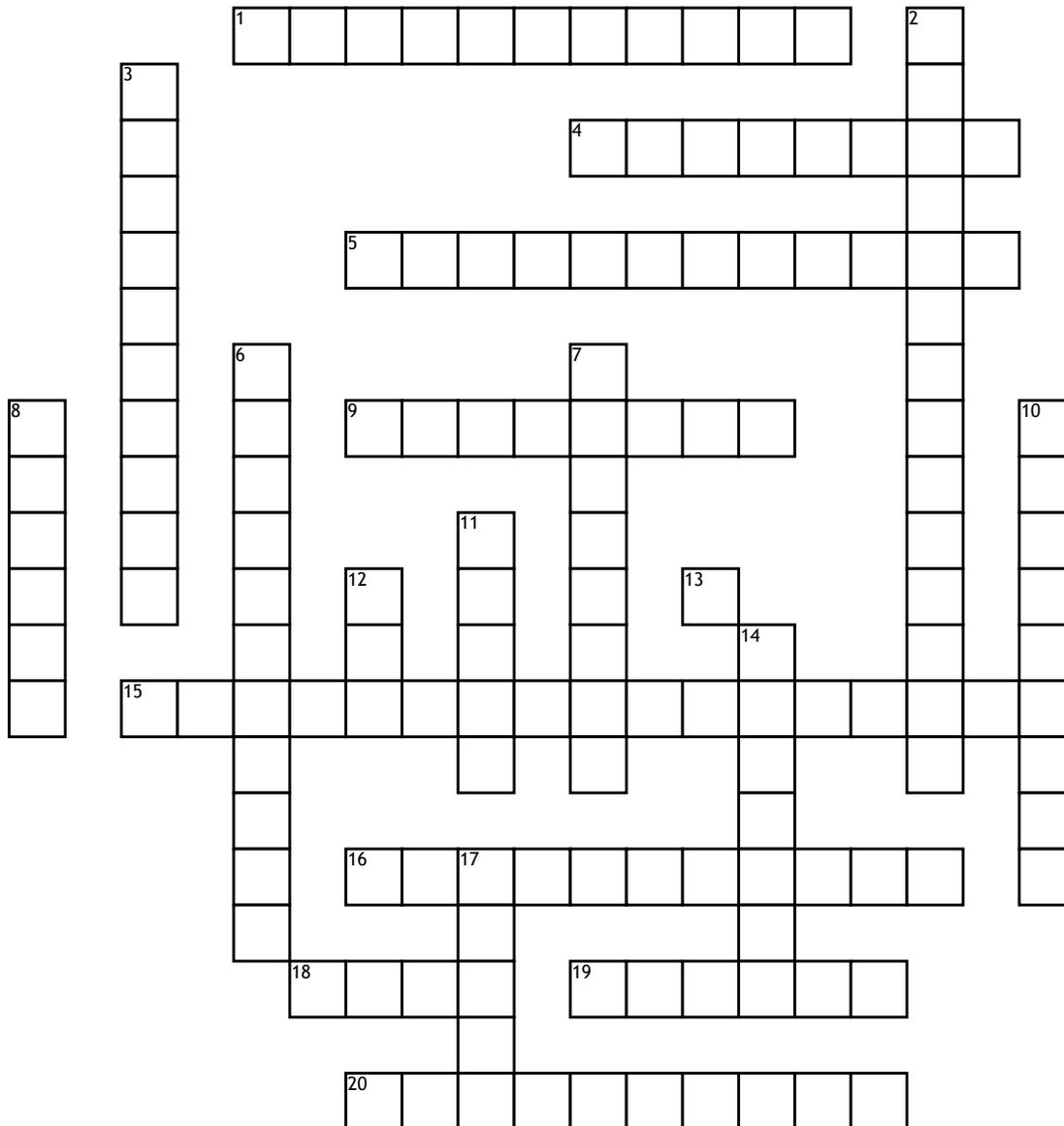# Interval Notation

Across

1. The set of numbers consisting of the positive numbers, the negative numbers, and zero.
4. What are these [ ]?
5. Where it runs into the other line
9. If the graph goes forever in a positive direction
13. less than
15. A real number that can not be expressed as a ratio of two integers

16. Used to show whether the endpoints are excluded or included
18. Interval that does NOT contain endpoints
19. Interval that contains its endpoints
20. Equation with the use of greater than or less than

Down

2. A real number that can be expressed as a ratio of two integers
3. Thick line to show the values we are including

6. >
7. Pair of numbers
8. Set of all first coordinates
10. When lower-bound 2 is included in the solution
11. sed to show whether the endpoints are excluded or included
12. A collection of distinct objects; denoted by braces
14. Interval notation is a way of writing _____?
17. Set of all second coordinates