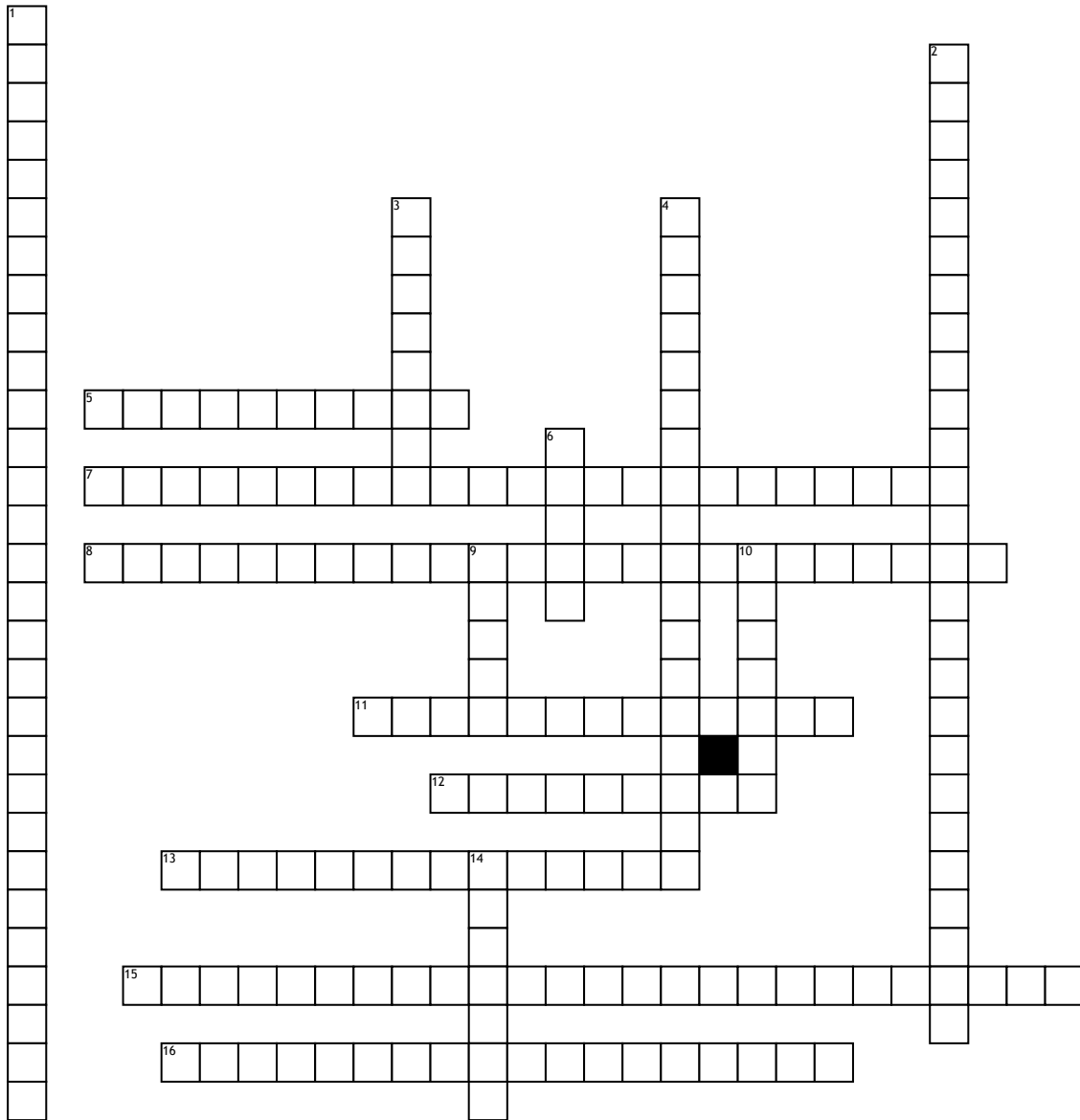


Terms Crossword Puzzle



Across

5. the point on a line is the number that corresponds to the point

7. Every point divides any line through that point into three disjoint sets: the point and two half-lines

8. Every line divides any plane containing the line into three disjoint sets: the line and two half-planes

11. Any two points in space lie in exactly one line

12. subset of a plane consisting of all points of a given side of a line in the plane

13. Three distinct noncollinear points lie in exactly one plane

15. $a+(-a)=0$

16. If two points lie in a plane, then the line containing these two points lies in the same plane

Down

1. $(a+b)+c=a+(b+c)$

2. If two planes intersect then their intersection is exactly one line

3. chord that passes through the center of a circle

4. When a line contains at least two points, a plane contains at least three noncollinear points, and space contains at least four noncoplanar points

6. union of a closed surface and its interior

9. union of two distinct rays with a common endpoint

10. connected set of points in space having only the thickness of a point

14. a statement that can be shown to be true by a logical progression of previous terms and statements