Geometry Crossword Puzzle
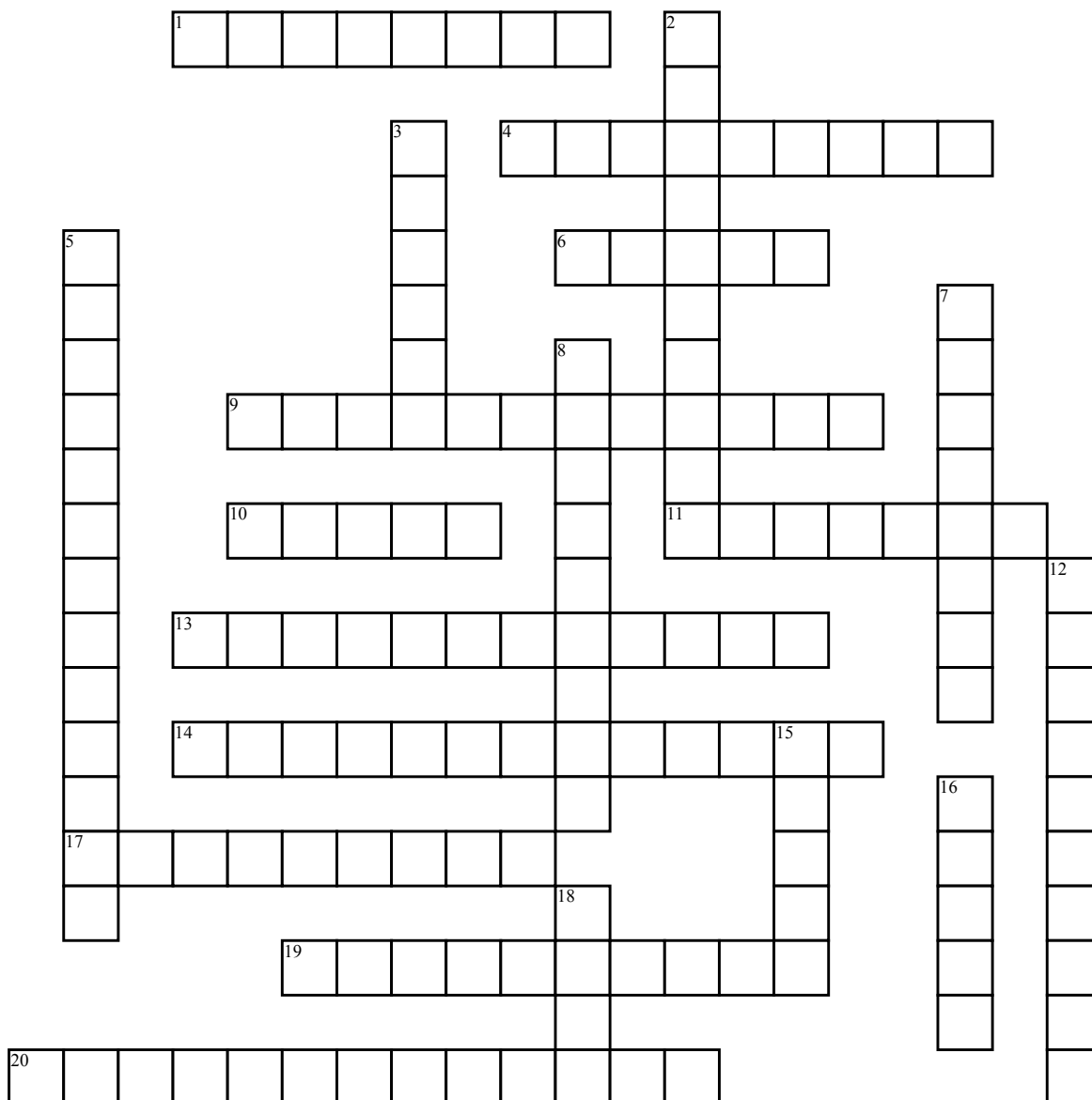
Across

1. statements that we prove using logic

4. type of triangle that has at least two equal sides

6. type of angle that is less than 90 degrees

9. set of points that the figures have in common

10. set of all points in three dimensions

11. part of a line

13. two rays that share the same endpoint and form a line

14. two angles whose measures have a sum of 180 degrees

17. a special name given to a theorem that is easy to prove as a direct result of another previously proved theorem

19. when three or more lines intersect at one point

20. two angles whose measures have a sum of 90 degrees

Down

2. statements that we accept as true and do not try to prove

3. type of angle that is more than 90 degrees

5. distance around a circle

7. formed by three non-collinear points connected by segments

8. distance around a figure

12. two adjacent angles if non-common sides are opposite rays

15. type of angle that is 90 degrees

16. extends in two dimensions without end

18. number of squared units it encloses