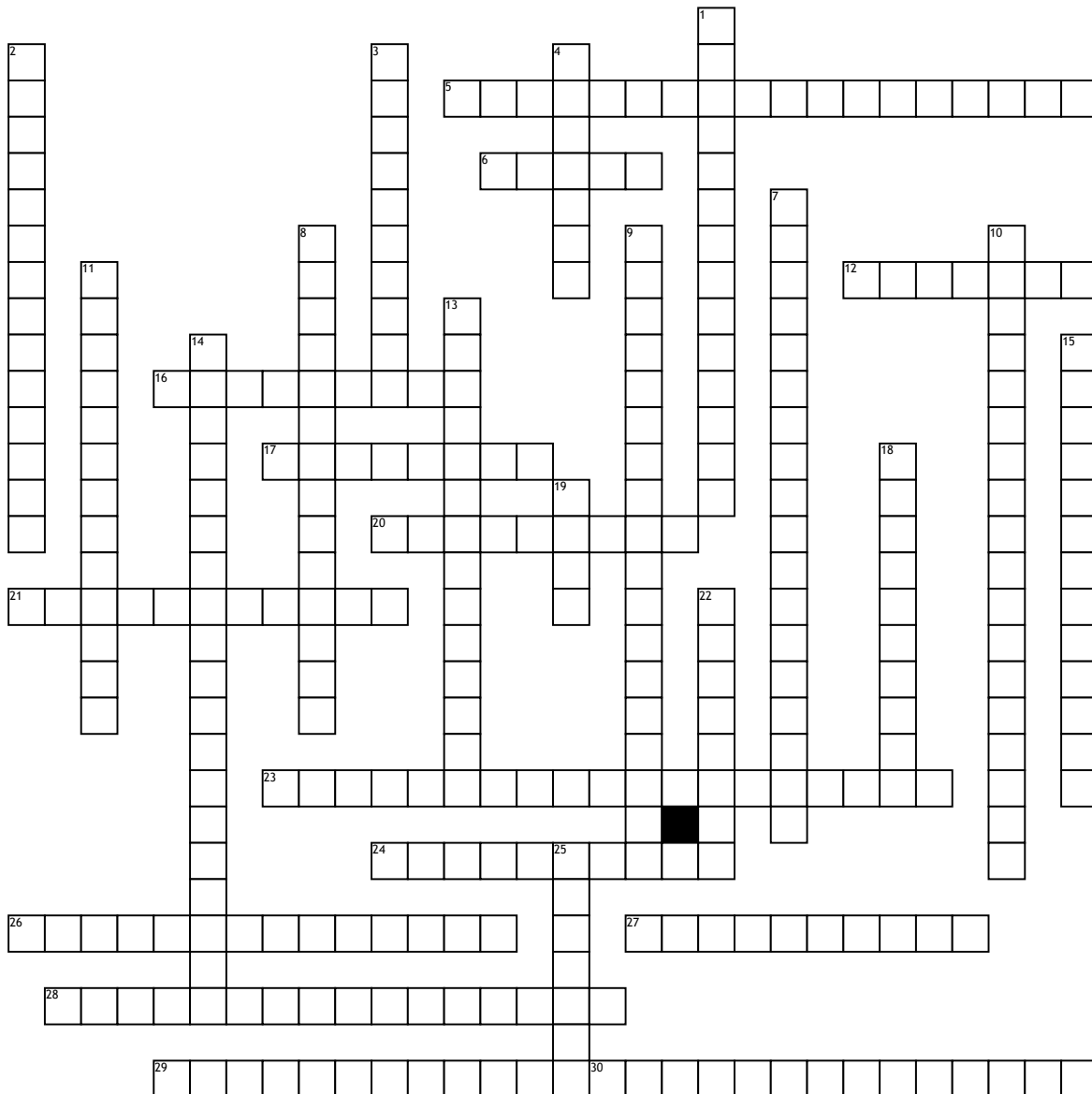# Word Search

Across

5. Describes the relationship between the lengths of the legs and the hypotenuse for any right angle triangle

6. Is a logical argument where each statement is justified by a reason

12. A triangle with no congruent sides

16. Figure have the same shape and same size

17. If you reverse the parts of the Pythagorean theorem

20. Triangle with at least two congruent sides

21. More than 90 degrees, less than 180 degrees

23. Are those angles that are in the same position on the two lines in relation to the transversal

24. More than 0, less than 90 degrees

26. A formal proof that contains statements and reasons organized in two columns

27. An angle is formed when two lines intersect

28. A line that intersects two or more lines, and eight angles are formed

29. A polygon in which all angles are congruent

30. A polygon that is equilateral and equiangular

Down

1. Involves writing a paragraph to explain why a conjecture is true

2. Angles that share a common vertex, a common side, and do not overlap

3. Exactly 90 degrees

4. Once a statement or conjecture has been proven

7. The process of making a conjecture after observing several examples

8. Lie outside the lines

9. Uses facts, rules, definition, or laws to make a conjectures from given situations

10. When lines intersect in a plane and form a right angle

11. When two angles add up to 180 degrees

13. Lie inside the lines

14. When two angles add up to 90 degrees

15. When two lines are in the same plane and

18. The side opposite to the right angle

19. The sides that form the right angle

22. A figure formed by three line segments that intersect only at their end points

25. The point where were two intersecting lines meet.