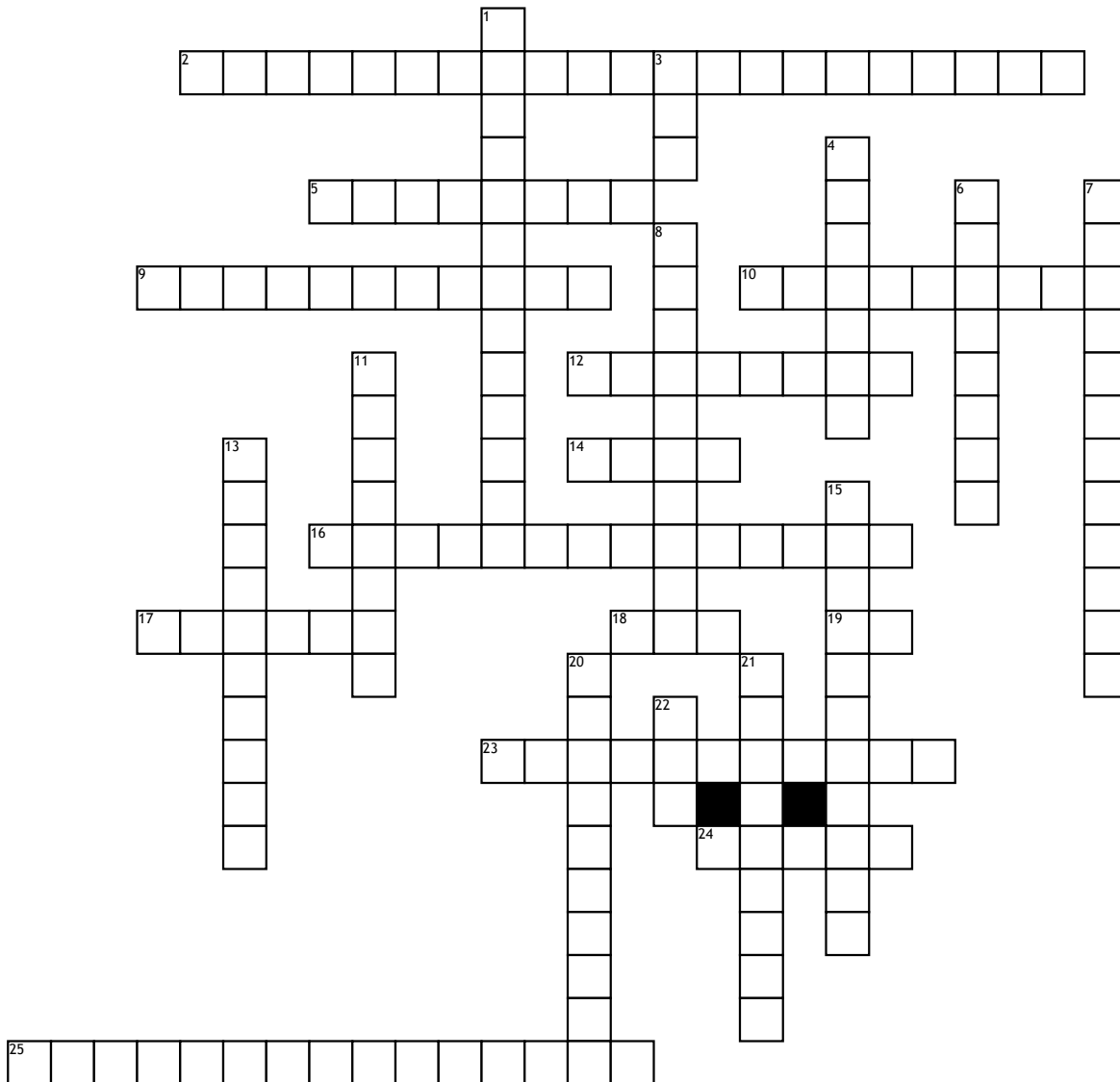


Triangle Trivia



Across

2. intersects a given segment at a 90° angle, and. (2) passes through the given segment's midpoint.
 5. A line going from a vertex to the opposite side forming a right angle
 9. is a triangle in which all three sides are equal.
 10. lying on the same line
 12. Point in the middle of a segment
 14. The other two sides of a triangle
 16. A segment that cuts an angle in half at its vertex
 17. Angle above 90°
 18. if three sides of one triangle are congruent to three sides of another triangle, then these two triangles are congruent.

19. If the hypotenuse and one leg of a right triangle are congruent to the hypotenuse and one leg of another right triangle, then the triangles are congruent.
 23. the area of the square whose side is the hypotenuse is equal to the sum of the areas of the squares on the other two sides
 24. Angle under 90°
 25. a three-sided prism; it is a polyhedron made of a triangular base, a translated copy, and 3 faces joining corresponding sides.

Down

1. A triangle with a right angle
 3. if two angles and the included side of one triangle are congruent to two angles and the included side of another triangle, then the triangles are congruent.

4. a triangle in which all three sides have different lengths.
 6. The point inside the triangle where the medians intersect
 7. Point of concurrence of the perp. bisectors
 8. How many degrees in a triangle
 11. Point of concurrence of the angle bisectors
 13. the longest side of a right triangle, opposite the right angle.
 15. Point of concurrence of the altitudes
 20. Created the Pythagorean theorem
 21. a triangle with (at least) two equal sides.
 22. if two angles and the non-included side one triangle are congruent to two angles and the non-included side of another triangle, then these two triangles are congruent.