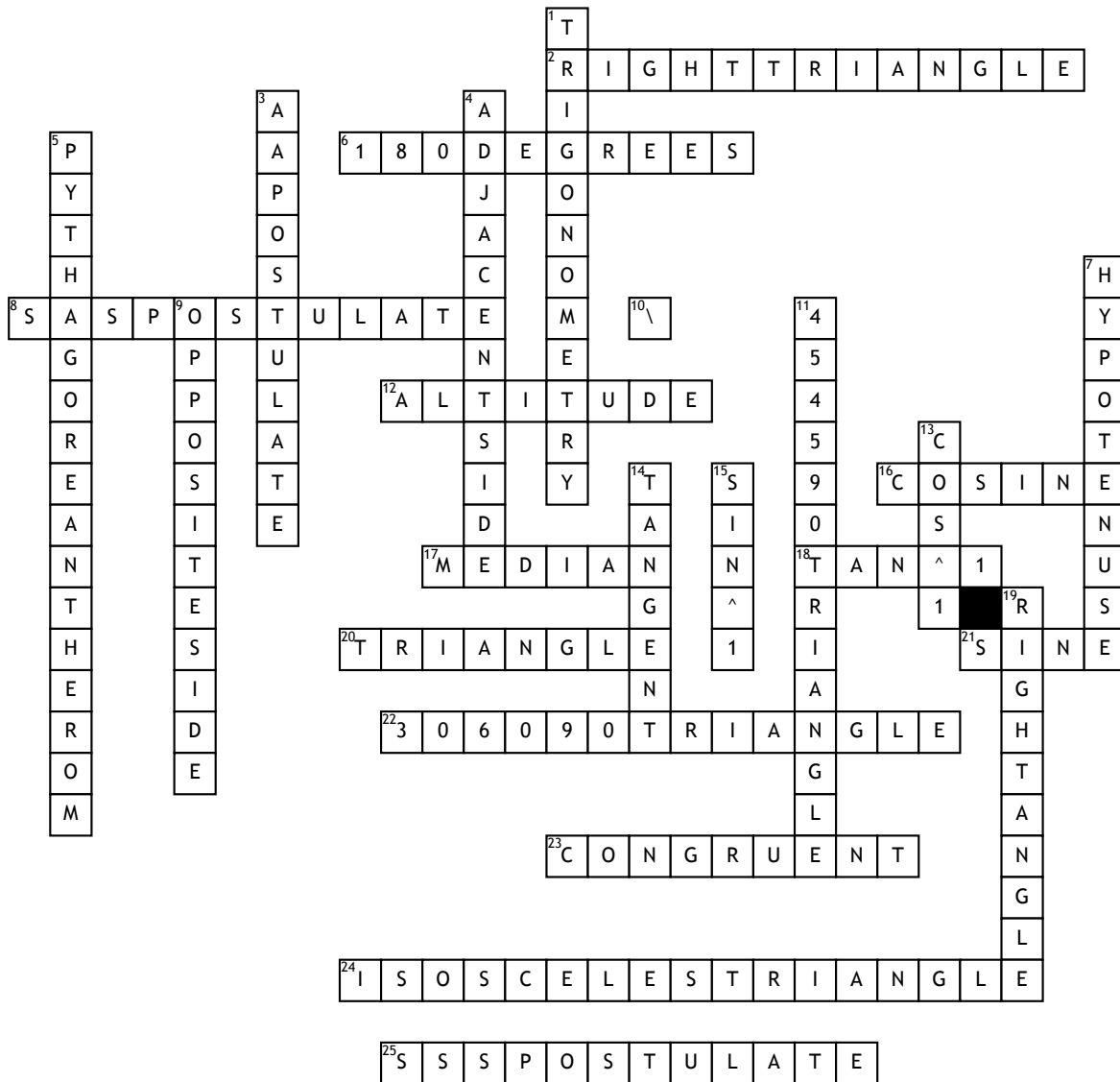


Name: _____

Date: _____

Trigonometry



Across

2. A triangle with a right angle
 6. The angle sum of a triangle
 8. If two sides and the angle between them are the same then they are congruent
 12. Another word for height
 16. Adjacent/Hypotenuse
 17. In a triangle it is the line segment drawn from a vertex to the midpoint
 18. Inverse of Tangent
 20. A plane figure with three straight sides and three angles
 21. Opposite/Hypotenuse

22. Special right triangle that uses the ratio 1:Radical of 3:2

23. Identical in form, size and angles

24. Two sides with with equal lengths

25. If all sides are the same on both of the triangle then they are congruent

Down

1. Branch of mathematics dealing with the relations of the sides and angles of triangles and with the relevant function of any angles
 3. If two angles are the same for two triangle then they are the same

4. Will always makeup part of the angle that is being discussed and not be the hypotenuse

5. $a^2 + b^2 = c^2$

7. Always opposite of the right angle of the right triangle

9. Will never form part of the angle being discussed

10. Is used to show which lines are parallel

11. A special right triangle with two congruent angle

13. Inverse of Cosine

14. Opposite/Adjacent

15. Inverse of sin

19. Angle that is always 90 degrees