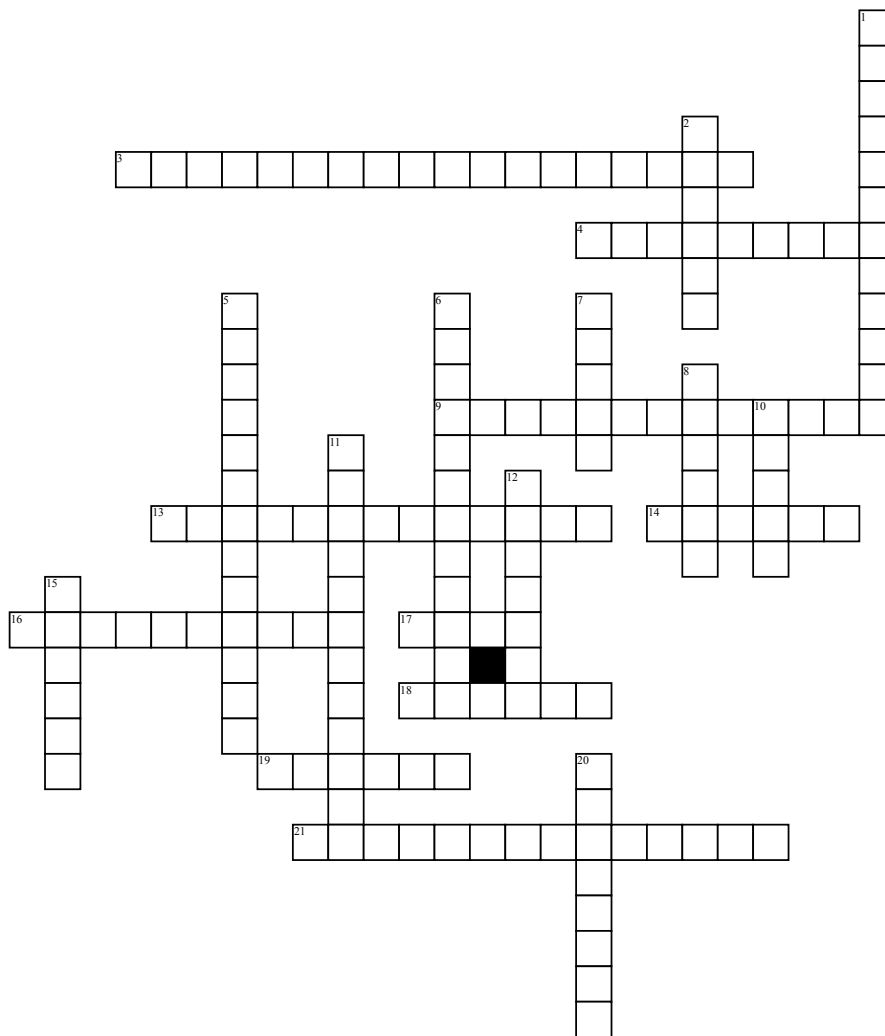


# Trigonometry vocabulary



## Across

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

4. A trigonometric ratio that is the reciprocal of the tangent

9. the magnitude of a real number without regard to its sign.

13. Angles that equal to 90 degrees

14. The common endpoint of two rays that form an angle

16. The trigonometric function of the complement of an angle

17. A trigonometric ratio of opposite/hypotenuse

18. A line segment with a starting point and an endpoint that represents motion in the direction of the endpoint, and which lies in a specific position such that its direction is fixed.

19. An angle greater than 90 degrees and less than 180 degrees

21. The side opposite of the 90 degree angle

## Down

1. The side opposite of the theta

2. A trigonometric ratio that is the reciprocal of the cosine

5. Angles that sum is equal to 180 degrees

6. The side closest to the theta

7. The union of two rays with a common vertex.

8. a unit of measurement of angles, one three-hundred-and-sixtieth of the circumference of a circle.

10. An angle less than 90 degrees

11. the branch of mathematics dealing with the relations of the sides and angles of triangles and with the relevant functions of any angles.

12. A trigonometric ratio of opposite/adjacent

15. A trigonometric ratio of adjacent/hypotenuse

20. A trigonometric ratio that is the reciprocal of the sine

## Word Bank

Secant

Complimentary

Trigonometry

Vector

Absolute value

Cosine

Opposite side

Sine

Cofunction

Degree

Cotangent

Adjacent side

Cosecant

Supplementary

Pythagorean Theorem

Angle

Acute

Obtuse

Tangent

Hypotenuse side

Vertex