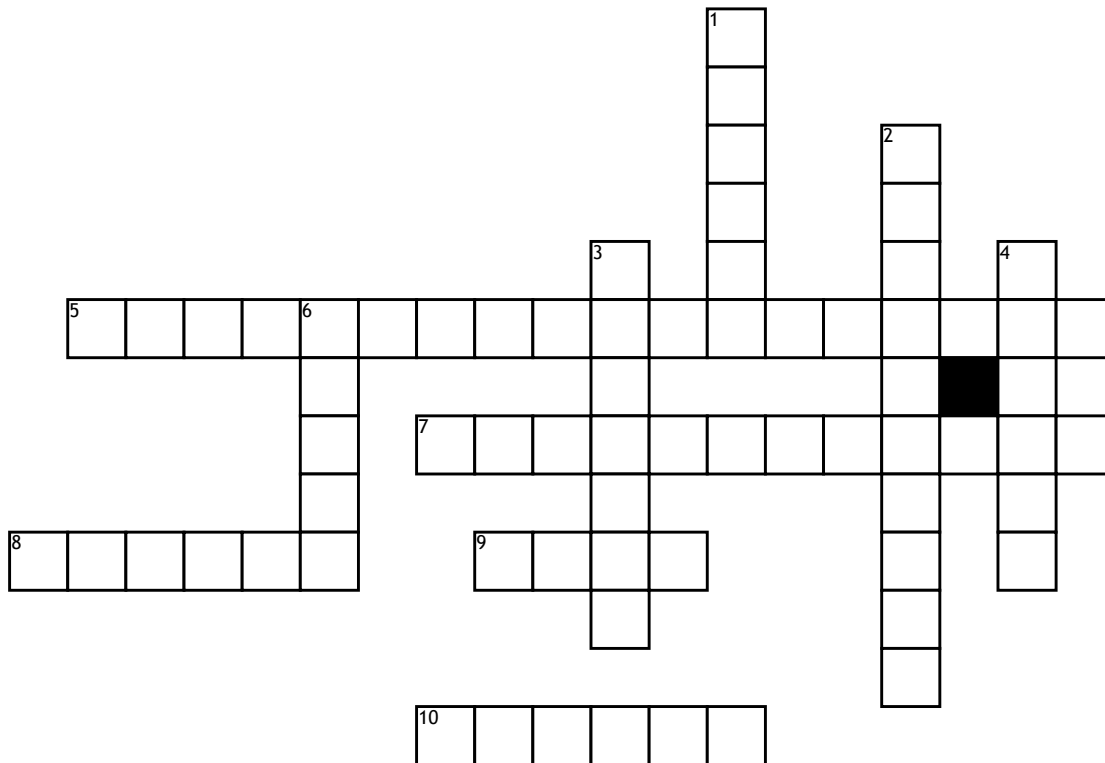


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# TRIGONOMETRY



## Across

**5.** A theorem in geometry: the square of the length of the hypotenuse of a right triangle equals the sum of the squares of the lengths of the other two sides.

**7.** The branch of mathematics dealing with the relations of the sides and angles of triangles and with the relevant functions of any angles.

**8.** The trigonometric function that is equal to the ratio of the side adjacent to an acute angle

**9.** For the specified angle, it is the ratio of the length of the side that is opposite that angle to the length of the longest side of the triangle

**10.** is a unit of measure for angles used mainly in trigonometry. It is used instead of degrees.

## Down

**1.** Is a line that intersects a circle at two points.

**2.** is the side of a right triangle that's opposite the 90-degree angle. It's a term specific to math, specifically geometry

**3.** A line which touches a circle or ellipse at just one point.

**4.** is the sum of the exponents of the variables.

**6.** is the figure formed by two rays,