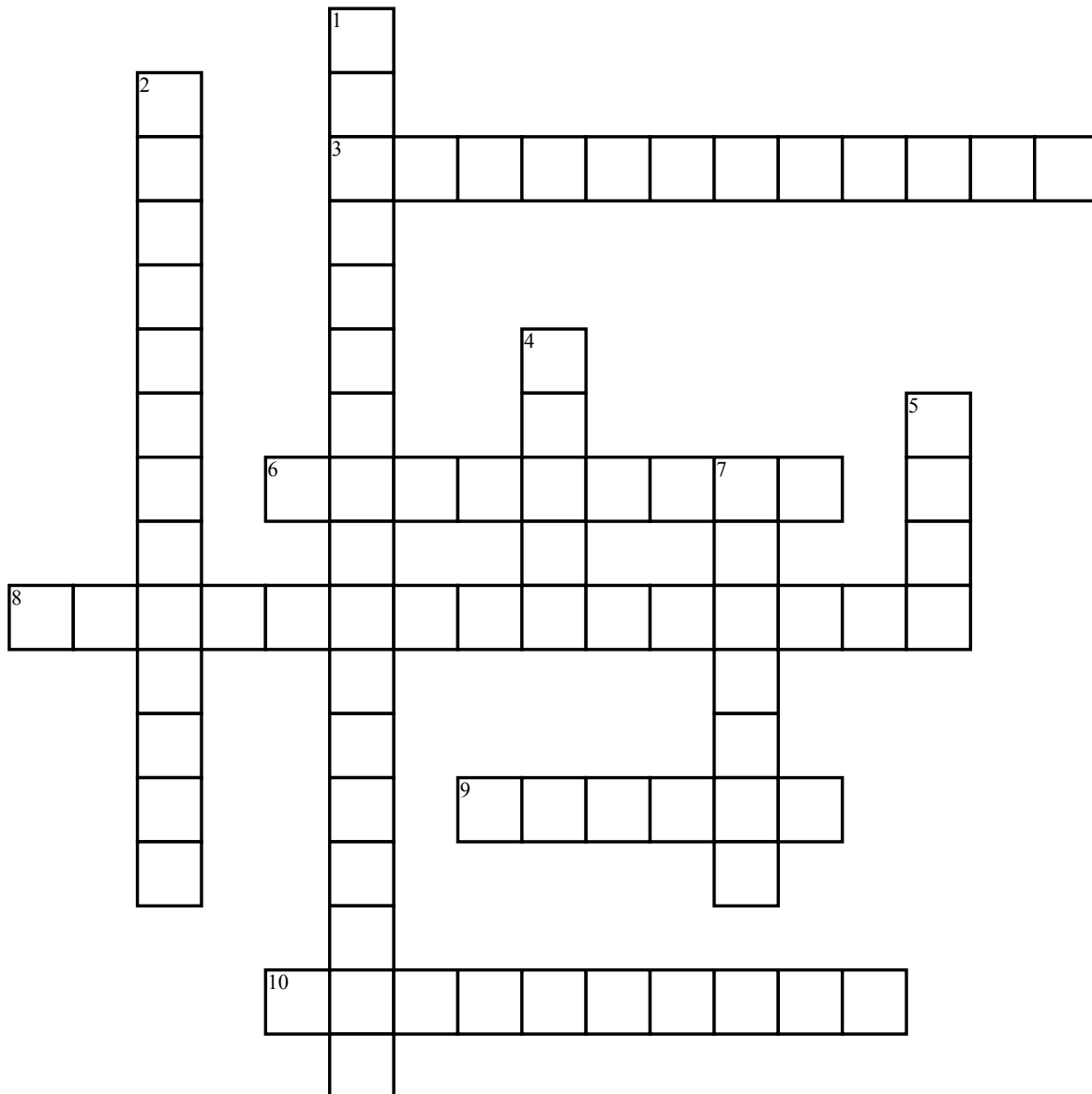


Algebra Project



Across

- 3.** A branch of mathematics that studies relationships involving lengths and angles of triangles
- 6.** The distance along the arc
- 8.** Angles in the standard position where the terminal side lies on the x or y axis
- 9.** a trigonometric function that for an acute angle is the ratio between the leg adjacent to the angle when it is considered part of a right triangle and the hypotenuse

- 10.** Differing only by a whole number of complete circles.

Down

- 1.** $a^2+b^2=c^2$
- 2.** The standard unit of angular measure, used in many areas of mathematics
- 4.** A plane angle in geometry
- 5.** In a right triangle, the ratio of the length of the side opposite an acute angle to the length of the hypotenuse.
- 7.** touching at a single point, as a tangent in relation to a curve or surface.