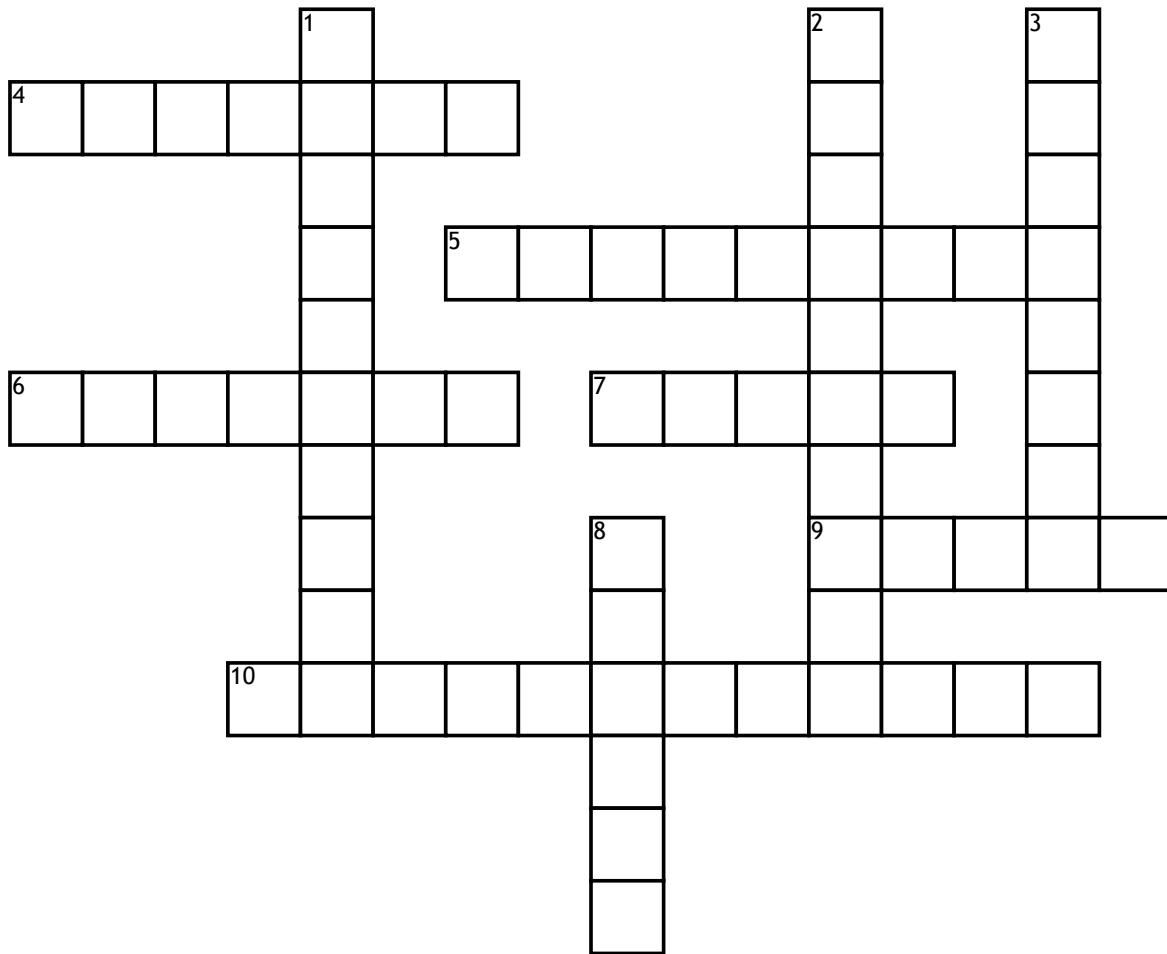


# Pythagoras Theorem and Trigonometry



**Across**

- 4. The hypotenuse is always the ? side of a right angle
- 5. What do you use to work out the value of unknown angle or sides?
- 6.  $a^2+b^2=c^2$  is the ?
- 7. the sum is, in other word ? to.
- 9. Pythagoras was a ? philosopher
- 10. ? is a field of study in mathematics which observes the relationships of the sides and angles of triangles.

**Down**

- 1. Contains the set of rational numbers and the set of irrational numbers
- 2. It is always a ? triangle
- 3. Polygon with 3 edges and vertices
- 8. A right angle triangle has ? degrees