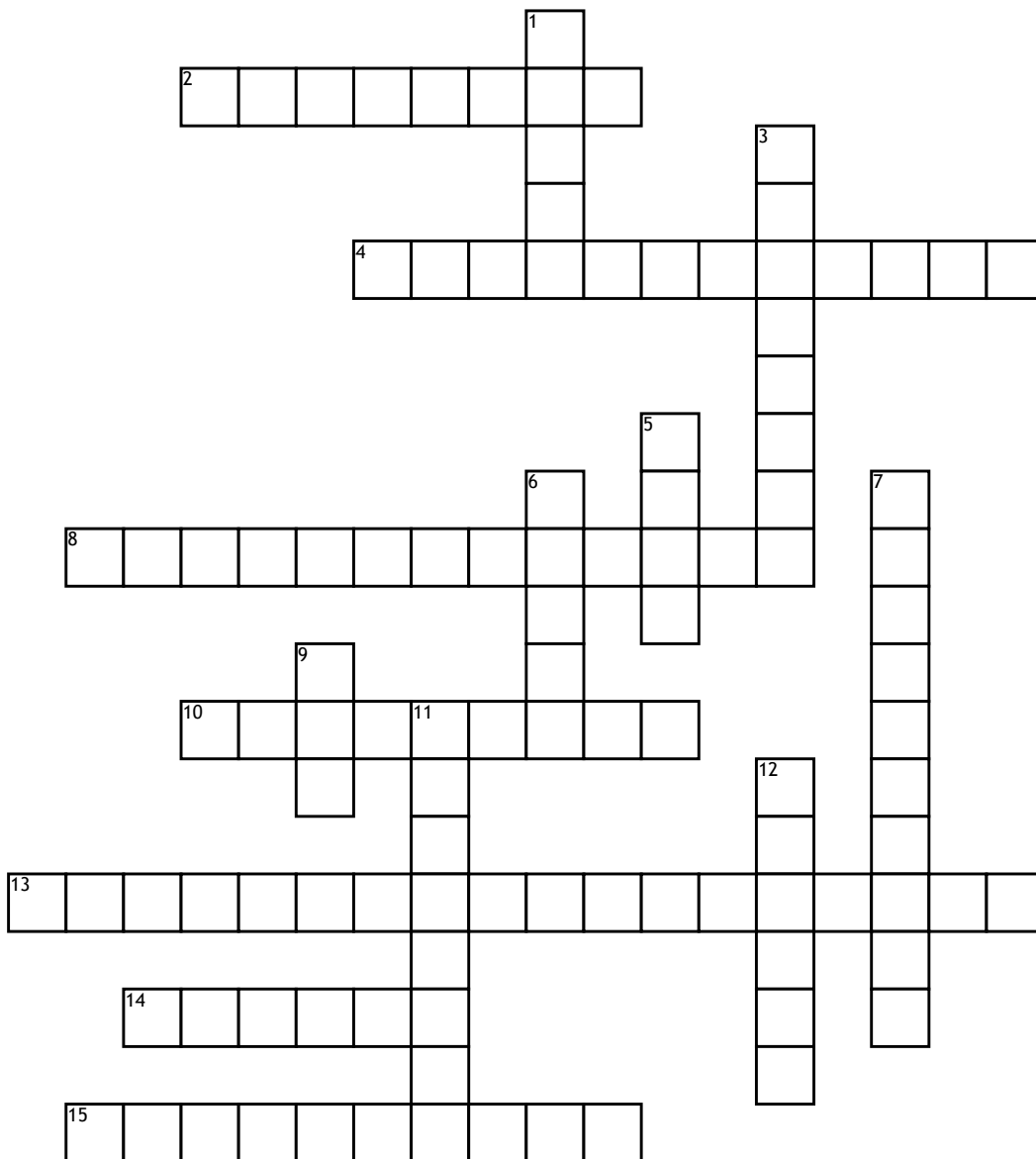


# Pythagorean Theorem



**Across**

- 2. Find the missing side  
a=4 and b=7
- 4. Where was the creator born
- 8. Type of triangle in Pythagorean Theorem
- 10. Find the distance between (5,12) and (-5,-12)
- 13.  $A^2 + b^2 = c^2$

- 14. The sum of the \_\_\_\_\_ of the lengths of the legs is equal to the \_\_\_\_\_ of the Hypotenuse
- 15. The longest side

**Down**

- 1. A and B form the right \_\_\_\_\_
- 3. Formula used to measure the \_\_\_\_\_ between two points on the coordinate plane

- 5. A and B are the \_\_\_\_\_
- 6. The Aegean Island is located where \_\_\_\_\_
- 7. Who created the Pythagorean Theorem \_\_\_\_\_
- 9. Tell whether the given side lengths for a right triangle 8,15,17 \_\_\_\_\_
- 11. Solve. a= 12 and b=5 \_\_\_\_\_
- 12. Find the missing side when c=15 and a=9 \_\_\_\_\_