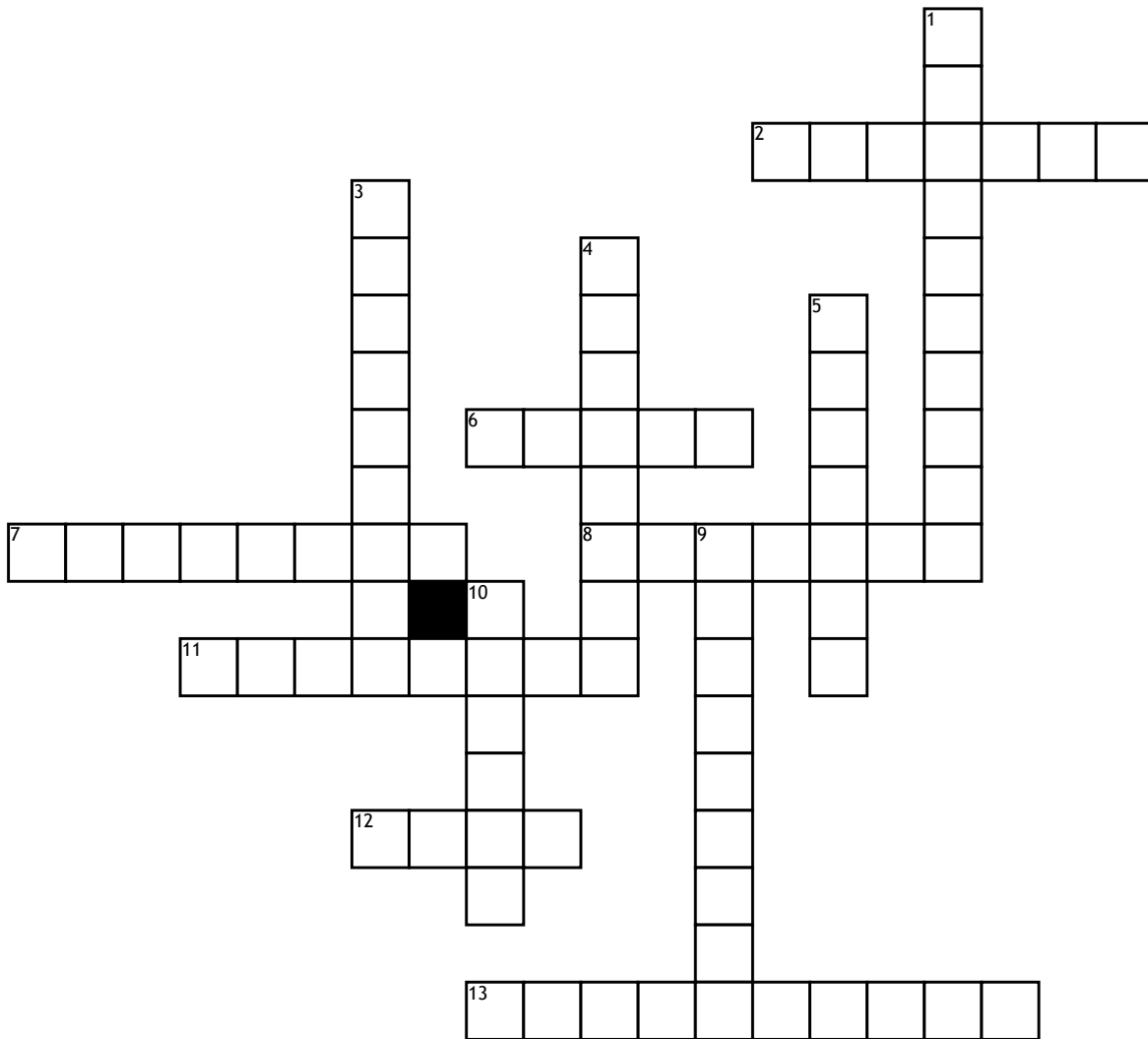


SOHCAHTOA



Across

2. the length of the opposite side divided by the length of the adjacent side
 6. a symbol used to denote the unknown measure of an angle
 7. is the opposite of the theta
 8. a mathematical function that is the inverse of the sine function.
 11. the side closer to the theta

12. is opposite divided by hypotenuse

13. The side opposite of the 90 degree angle

Down

1. value of 90 degrees
 3. A way of remembering how to compute the sine, cosine, and tangent of an angle.
 4. the ratio of the hypotenuse (in a right-angled triangle) to the side opposite an acute angle; the reciprocal of sine.

5. is adjacent divided by hypotenuse

9. the ratio of the side (other than the hypotenuse) adjacent to a particular acute angle to the side opposite the angle.

10. the ratio of the hypotenuse to the shorter side adjacent to an acute angle (in a right-angled triangle); the reciprocal of a cosine.