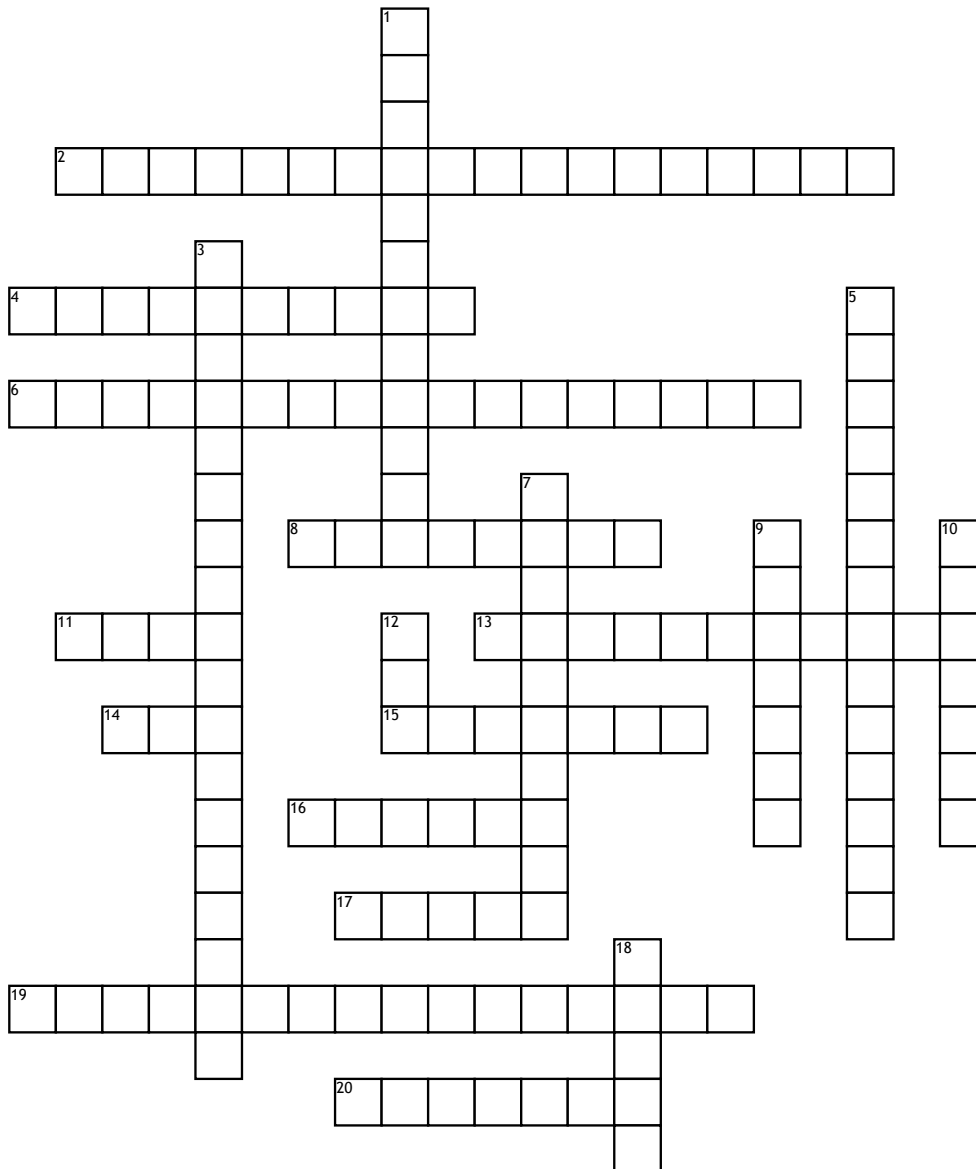


# Trigonometric Fun



**Across**

- 2.  $Y=mx+b$
- 4. A right triangle with a hypotenuse of 8 includes a 37 degree angle. What is the missing angle?
- 6. Positive Coterminal of 70.
- 8. What type of correlation occurs when  $r$  is greater than zero.
- 11. What is the degree of  $X^3(X+3)^2(X+3)^4$ .
- 13. What is the tangent of 315 degrees.
- 14. Opposite over Hypotenuse.

15. Triangles with congruent angles and proportional side lengths.

- 16. The variation that has a positive power.
- 17. If "a" is less than zero it is a reflection over what?
- 19. An angle measured from the horizontal downward.
- 20. Opposite over Adjacent.

**Down**

- 1.  $\pi$  over three
- 3.  $a^2+b^2=c^2$
- 5.  $y-y_1=m(x-x_1)$

7. The "a" that is found by writing an equation in vertex form by using V: (-2,-3) and P: (1,2)

- 9. The variation that has a negative power.
- 10. What is the sin of -210 degrees.
- 12. Adjacent over Hypotenuse.
- 18. One degree is how many minutes.