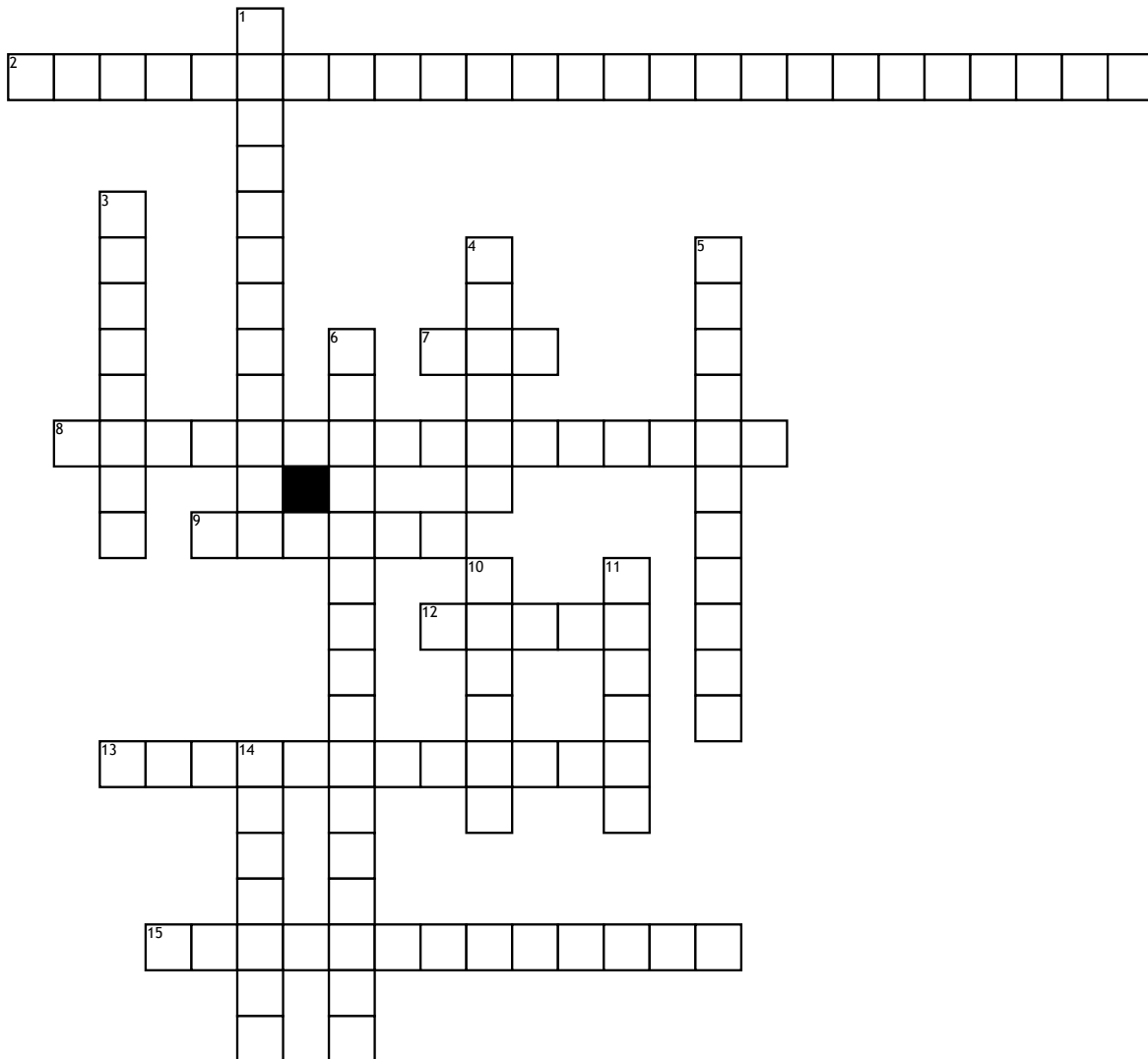


A Math puzzle



Across

2. Angle with a vertex at the origin; one ray along the positive x axis and rotating counter-clockwise
7. (degrees - Minutes - seconds) or a system of angular measure
8. Congruent angles and proportional side lengths
9. x-intercept, $f(x)=0$, solutions, or roots
12. y - values or output, $f(x)$
13. the min. value of a graph where the graph goes from decreasing to increasing

15. Points at which the graph goes from increasing to decreasing or decreasing to increasing

Down

1. The max value of the graph where the graph goes from increasing to decreasing.
3. A relation in which each x has one and only one y
4. x - values or input
5. What the y - values are approaching

6. A Function $y=f(x)$ is periodic if there is a positive number C such that $f(t+c)=f(t)$ for all t in the domain. The smallest such #C is called the period of the function.

10. A central angle of a circle has measure 1 radian if it intercepts an arc with the same length as its radius
11. Unit of angular measurement equal to $1/180$ th of a straight angle
14. The domain of the first relation is the range for the second relation