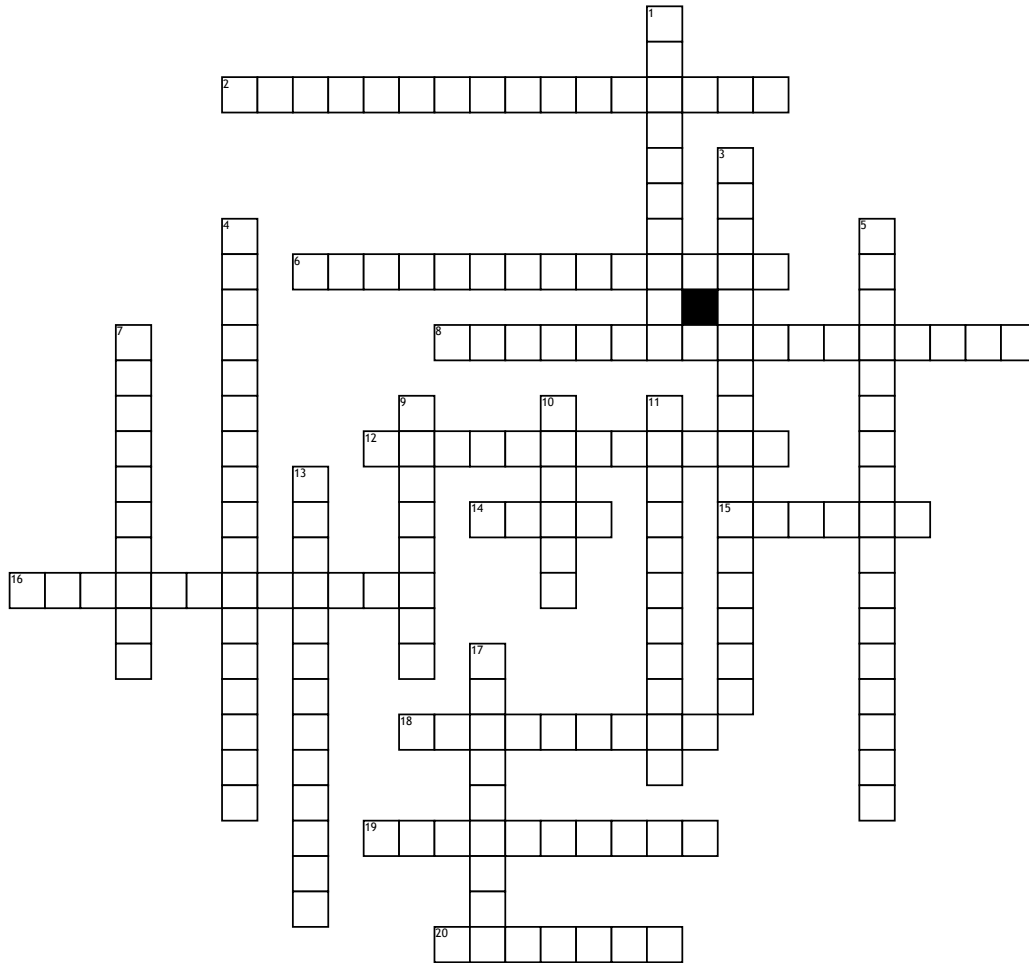


Trig and Log Crossword



Across

2. a function that increases toward a limiting value "a"
 6. the acute angle formed by the terminal side of the angle and the x-axis
 8. "ln" is referred to as
 12. an angle formed by two radii of a circle
 14. sine, cosine, tangent, cosecant, secant, and cotangent are called ___ functions
 15. two rays with a common endpoint called
 16. the amount of rotation per unit of time

18. $a = \underline{\hspace{1cm}}$ tells the highest and lowest point on the curve or $1/2$ the distance from the highest to lowest point.
 19. an angle with measurements greater than 0 and less than 90
 20. another word for "giving direction"

Down

1. if two or more angles have the same terminal side, the angles are called
 3. the angle between the horizontal and a line of sight above the horizontal
 4. the angle between the horizontal and a line of sight below the horizontal

5. the $D^{\circ}M'S''$ form name
 7. the side opposite the right angle is called
 9. a function with a repeating pattern is called
 10. a unit of angle that is the measurement of the center of a circle to the arc is called
 11. a ray along the positive x-axis with its endpoint at the origin
 13. angles that are 90°
 17. this defines one half of the distance between its maximum and minimum function values in a periodic function

Word Bank

- | | | | |
|--------------------|---------------------|-------------------|---------------------|
| coterminal | reference angle | trig | amplitude |
| hypotenuse | bearing | vertex | natural logarithms |
| angle of elevation | angular speed | radian | central angle |
| acute angle | decimal degree form | complementary | initial side |
| amplitude | periodic | logistic function | angle of depression |