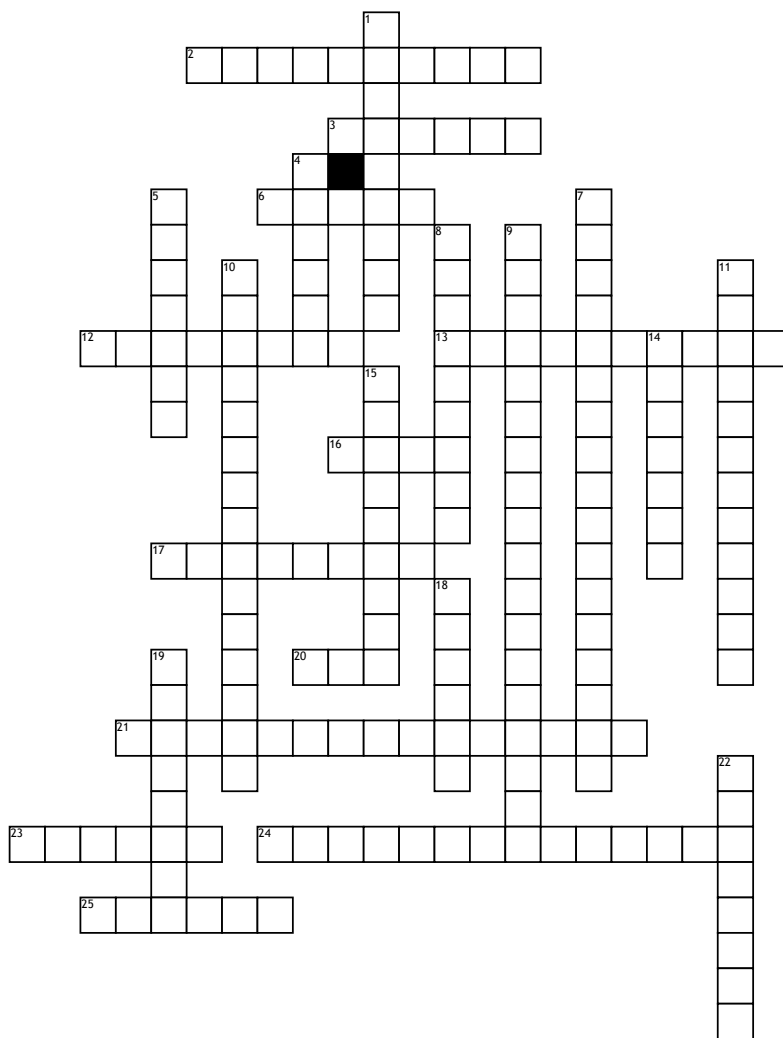


Name: _____ Date: _____ Period: _____

Pre Calculus Crossword puzzle



Across

2. a mathematical function that is the sum of a number of terms
 3. resolve into numbers that form a product when multiplied
 6. set of all y values
 12. notation of how many times to multiply a quantity by itself
 13. the exponent required to produce a given number
 16. the bottom side of a geometric figure
 17. capable of being expressed as a quotient of integers
 20. a continuous portion of a circle
 21. a function obtained by expressing the dependent variable of one function as the independent variable of another;

Down

1. adjacent/opposite
 4. a central angle that intercepts an arc equal in length to the radius r of the circle
 5. a closed plane curve with an oval shape
 7. an equation in which the highest power of an unknown quantity is a square
 8. designating or involving an equation whose terms are not of the first degree
 9. function of an angle expressed as a ratio of the length of the sides of a right angled triangle containing the angle
 10. a theorem giving the expansion of a binomial raised to a given power
 11. the mathematics of three sided figures and their functions
 14. ratio of the opposite and the adjacent sides of a right triangle
 15. a polynomial of the second degree
 18. ratio of the adjacent side to the hypotenuse of a right angled triangle
 19. a mathematical relation associating elements between sets
 22. ratio of the hypotenuse to the opposite side of a right angled triangle

Word Bank

radian	domain	linear	base	arc
factor	cosecant	trigonometry	ellipse	tangent
function	trigonometric function	exponent	nonlinear	logarithm
binomial theorem	quadratic	rational	cotangent	quadratic equation
inverse function	complex numbers	range	cosine	polynomial