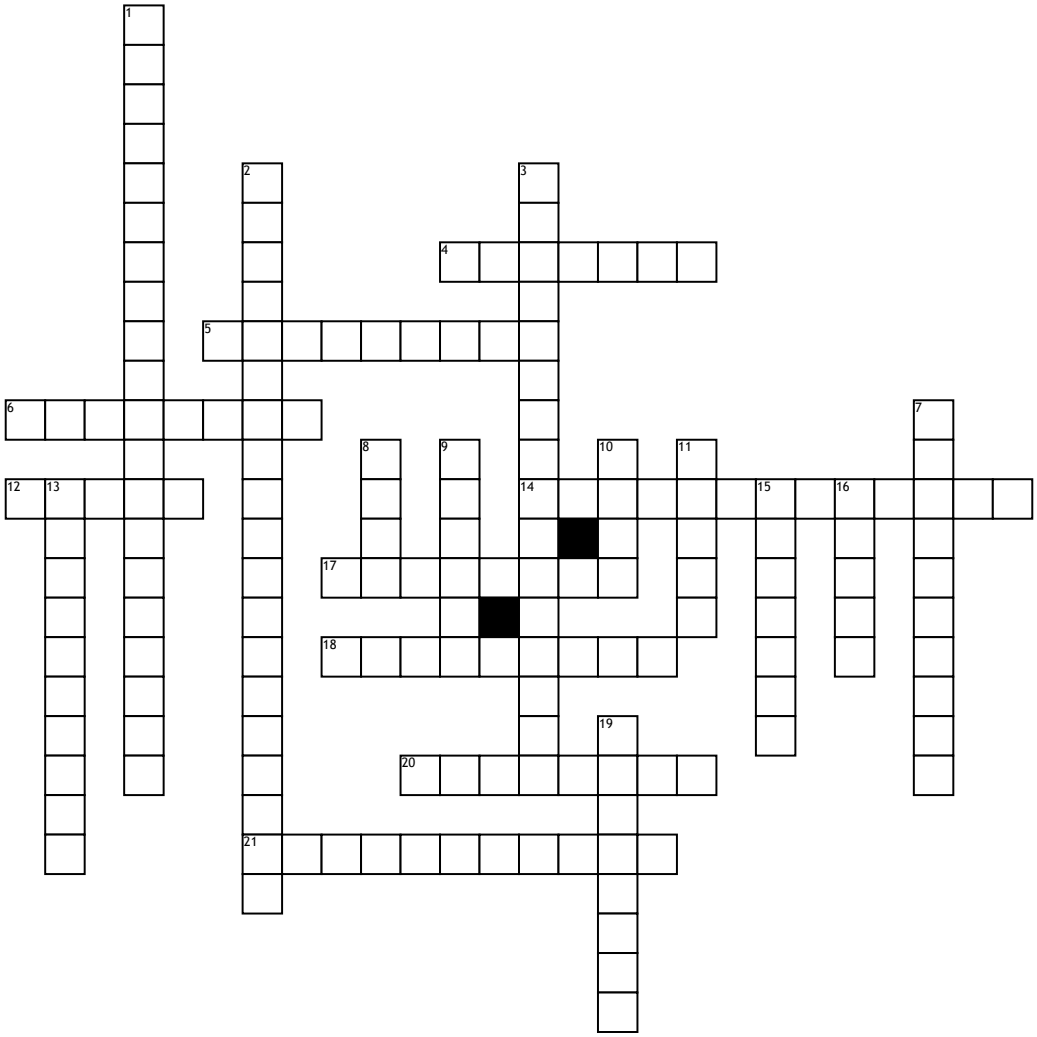
Algebra 2 Semester Activity



Across

4. A function whose degree is 4 (the biggest exponent is 4)
5. To find this you add up all the sides of a figure.
6. In a circle, twice the radius.
12. Another name for roots and solutions.
14. The distance around a circle.
17. The graph of a quadratic function.
18. A mathematical expression that has 3 terms. For example: x squared - 2x - 8
20. A statement where the values of two mathematical expressions are equal. For example: 2x+5=3x-1
21. What the graph is doing as x approaches positive or negative infinity.

Down

1. Between 2 numbers is the largest factor that they have in common.
2. You factor x^2 - 25 = (x + 5)(x - 5)
3. A formula used for quadratic equations.
7. The point where the a line crosses the y axis.
8. To find this in a triangle, you multiply 1/2 times the base times the height.
9. x value of a function
10. To find this in a rectangle, you multiply the length times the width.
11. A function whose degree is 3 (the biggest exponent is 3)
13. You are given an equation which you solve. However the answer that you found will not work.
15. 1, 2, 5, & 10 are all considered _____ of 10.
16. y value of a function
19. A mathematical expression that has 2 terms. For example: x + 2

Word Bank

Greatest Common Factor
Area
Circumference
Area
binomial
Quartic
range
Factors
Perimeter
trinomial
quadratic formula
equation
domain
Zeros
Extraneous
End Behavior
y intercept
Diameter
Cubic
Difference of Squares
Parabola