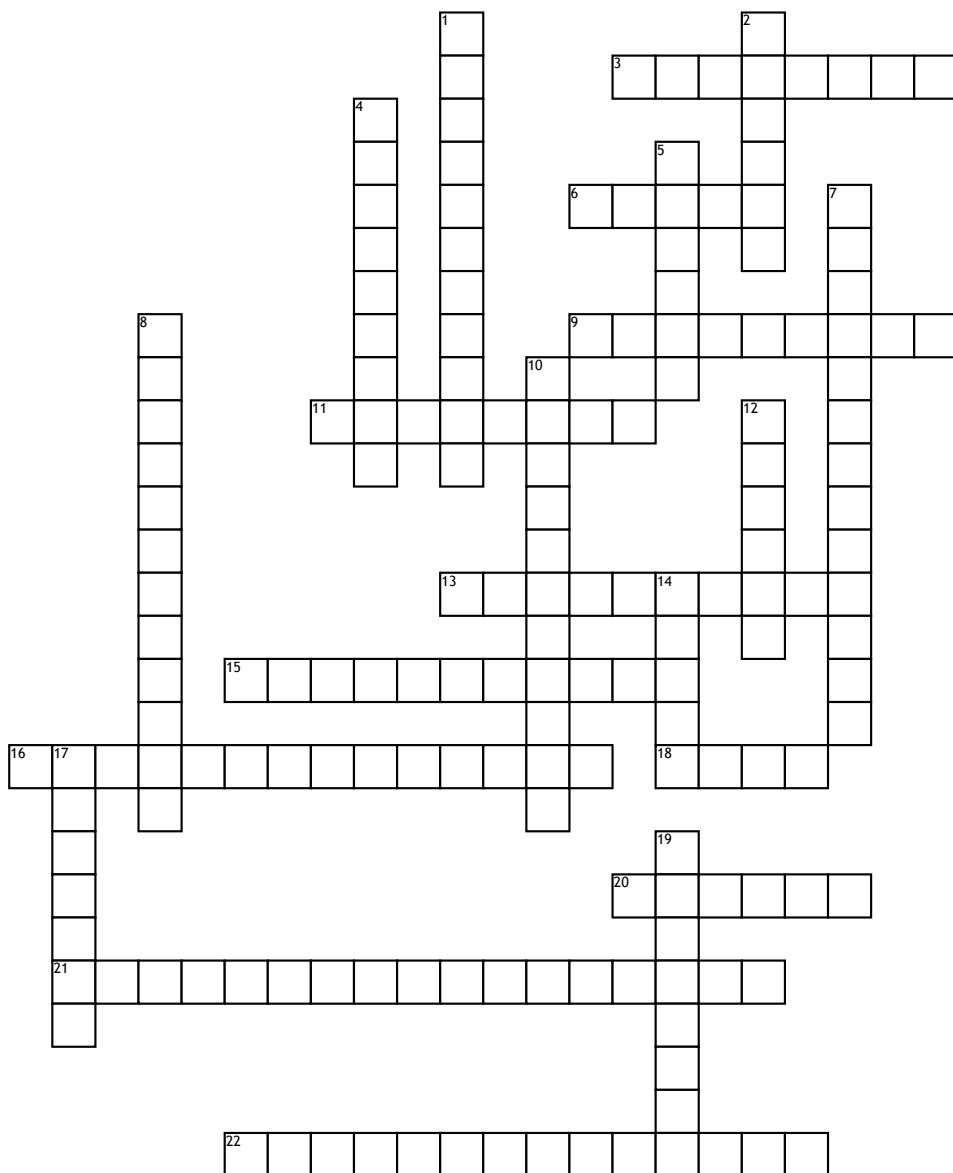


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# ALGEBRA 2



## Across

3. part of a number line without any breaks  
 6. rise over run or the rate of change  
 9. An expression with three terms  
 11. an expression with 2 terms  
 13. The place where a function crosses the x-axis in the coordinate plane.  
 15. What shifts a graph horizontally, vertically, or both?  
 16. A function that can be written as  $y = mx + b$

18. When a function has symmetry, it is called \_\_\_\_.

20. An array of data grouped together in rows and columns  
 21. a short cut for dividing polynomials  
 22. An imaginary line where a function reflects itself to complete a mirror image.

## Down

1. The end point or arrow at the end of a function  
 2. Either the lowest(minimum) or highest(maximum) point of a parabola or "v" shaped graph.

4. A function that forms a "U" when graphed.

5. The "x" values in a function.  
 7.  $f(x) = x^3$   
 8.  $<$ ,  $>$ , less than or equal to, greater than or equal to  
 10. When something is disconnected.  
 12. The highest exponent in a polynomial  
 14. The set of outputs, or y-coordinates, in a relation.  
 17. a reflection of a graph across  $y = x$   
 19. a letter or symbol standing for an unknown value