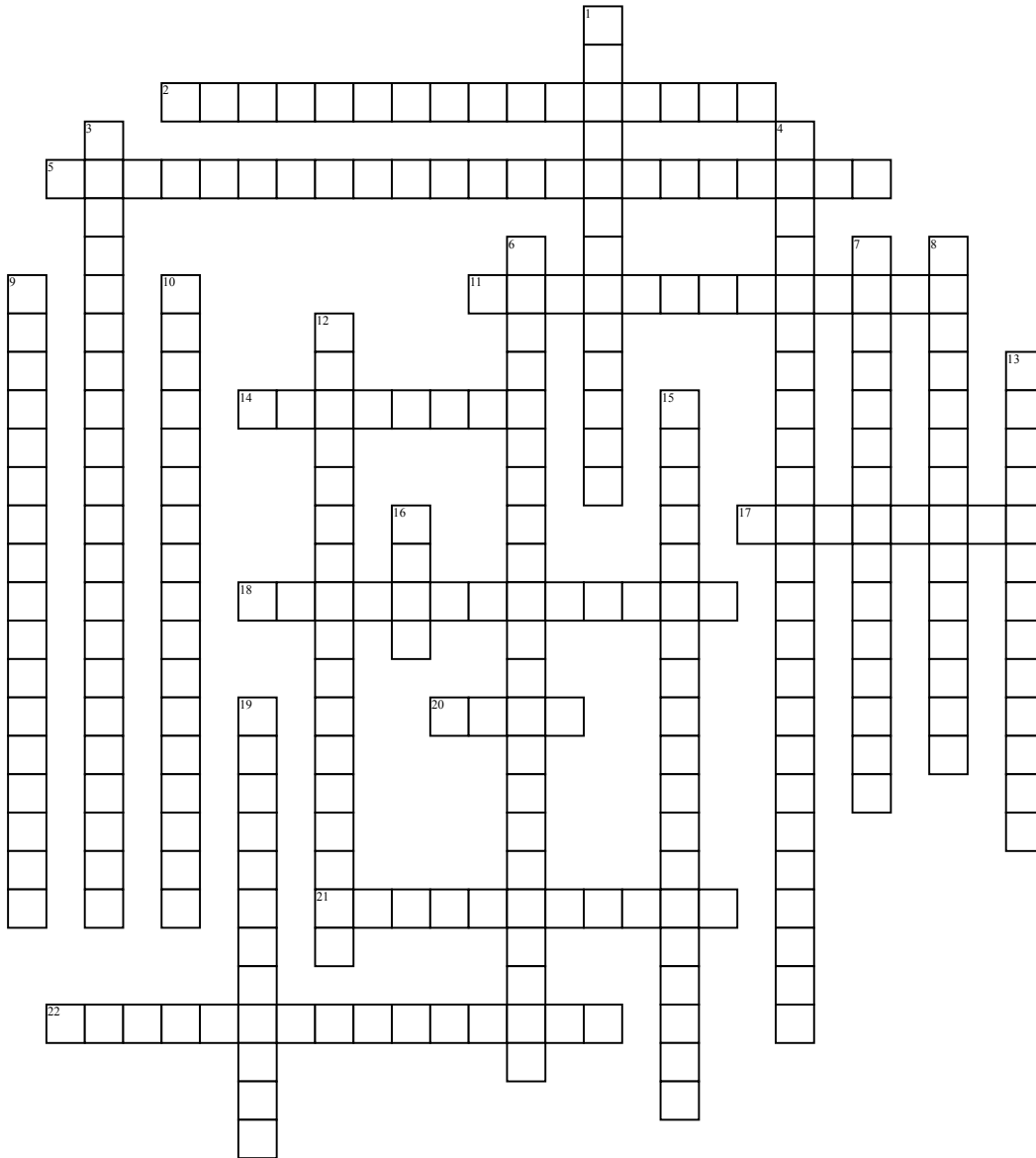


# Algebra I



## Across

2. number that gives a negative result when squared  
 5. trinomial that can be factored into a binomial multiplied to itself  
 11. data for two different variables, usually related data  
 14. the measure of how spread out a set of data is  
 17. difference between the actual y-value and the predicted y-value  
 18. straight line that runs through the middle of the data on a scatter plot  
 20. amount of change in a ratio using the words “per” or “for every”

21. all rational and irrational numbers

22. any number that can be expressed by a quotient or fraction

## Down

1. measurable data (numbers)  
 3. average distance between each data point value and the mean  
 4. function defined by two or more functions  
 6. the subtraction of two perfect squares  
 7. when numbers are collected in their own categories

8. simplest function that describes a family of functions

9. the measure of how spread out numbers are

10.  $ax^2+bx+c$

12. numbers that are not fractions/decimals and don't repeat

13. the distance between x and zero on the number line

15. positive square root of a number

16. x-intercept of a quadratic function

19. the function of a polynomial that gives you info on its roots