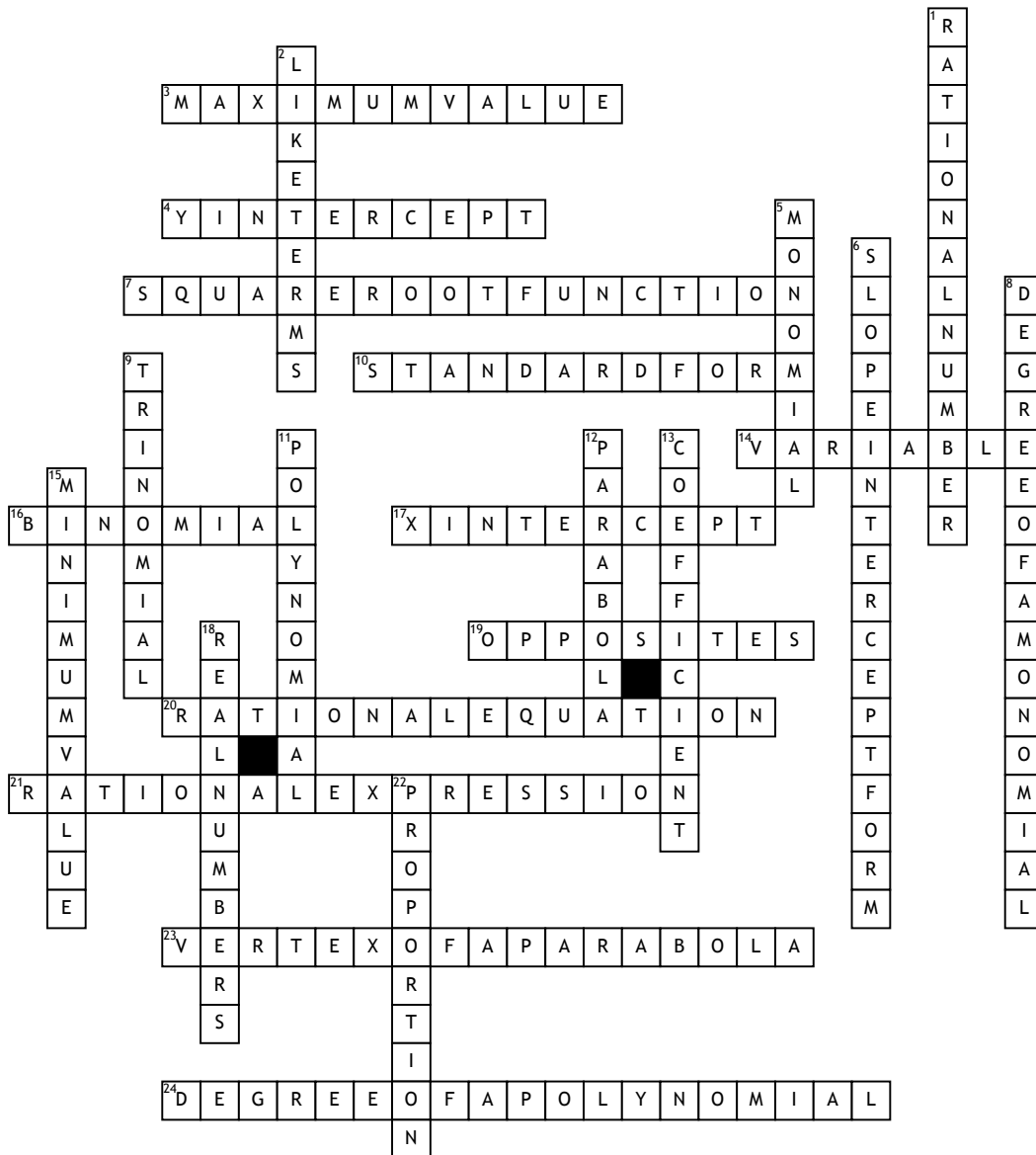


Name: \_\_\_\_\_

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

# Algebra



## Across

3. Vertex if  $a < 0$   
 4. The y-coordinate of a point where a graph crosses the y-axis  
 7. root with the independent variable in the radicand  
 10.  $Ax + By = C$   
 14. A letter that is used to represent one or more numbers  
 16. A polynomial with two terms  
 17. The x-coordinate of a point where a graph crosses the x-axis  
 19. Two numbers that are the same distance from 0 on a number line but are on opposite sides of 0  
 20. An equation that contains one or more rational expressions

21. An expression that can be written as a ratio of two polynomials where the denominator is not 0

23. The lowest or highest point on a parabola

24. The greatest degree of the terms of the polynomial

## Down

1. A number that can be written as the quotient of two integers  
 2. Terms that have the same variable parts  
 5. A number, variable, or the product of a number and one or more variables with whole number exponents  
 6.  $y = mx + b$

8. The sum of the exponents of the variables in the monomial

9. A polynomial with three terms

11. monomial or a sum of monomials, each called a term

12. U-shaped graph

13. The number part of a term with a variable part

15. Vertex if  $a > 0$

18. The set of all rational and irrational numbers

22. An equation that states that two ratios are equal