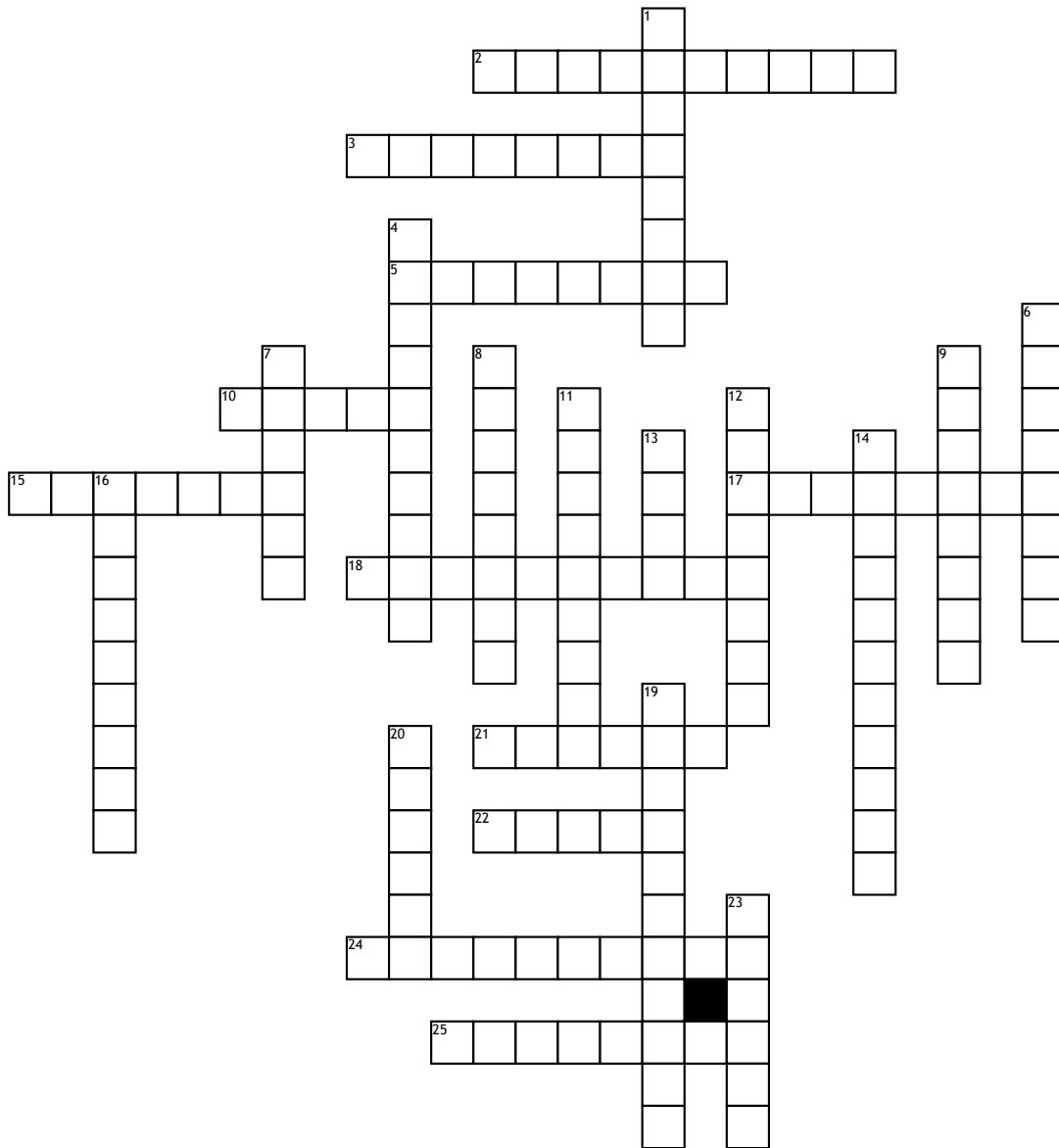


Name: _____

Jordan Baxter Algebra 2 Extra Credit



Across

2. a mathematical phrase which contains one or more variables
 3. the shape of the graph of a quadratic function
 5. a statement that two algebraic expressions are equal
 10. the set of all outputs of a relation (usually y)
 15. one of the positive or negative whole numbers or zero
 17. a polynomial of one term
 18. parallel to the ground
 21. the highest power found in a polynomial

22. change in y over the change in x

24. a statement that two algebraic expressions are related but not equal

25. a quantity whose value does not change

Down

1. a set of ordered pairs
 4. flip of a graph across an axis or a line
 6. lines which do not intersect and have the same slope
 7. a rectangular array of numbers within brackets
 8. a polynomial of two terms

9. a letter or symbol that represents one or more numbers
 11. rewriting an expression as the product of its factors
 12. to make less complex
 13. any value which makes the value of a function equal to zero
 14. the numerical factor in a term
 16. a polynomial of three terms
 19. in a square matrix it is a real number describing the matrix
 20. the set of all inputs in a relation (usually x)
 23. a set of two or more equations using the same variables