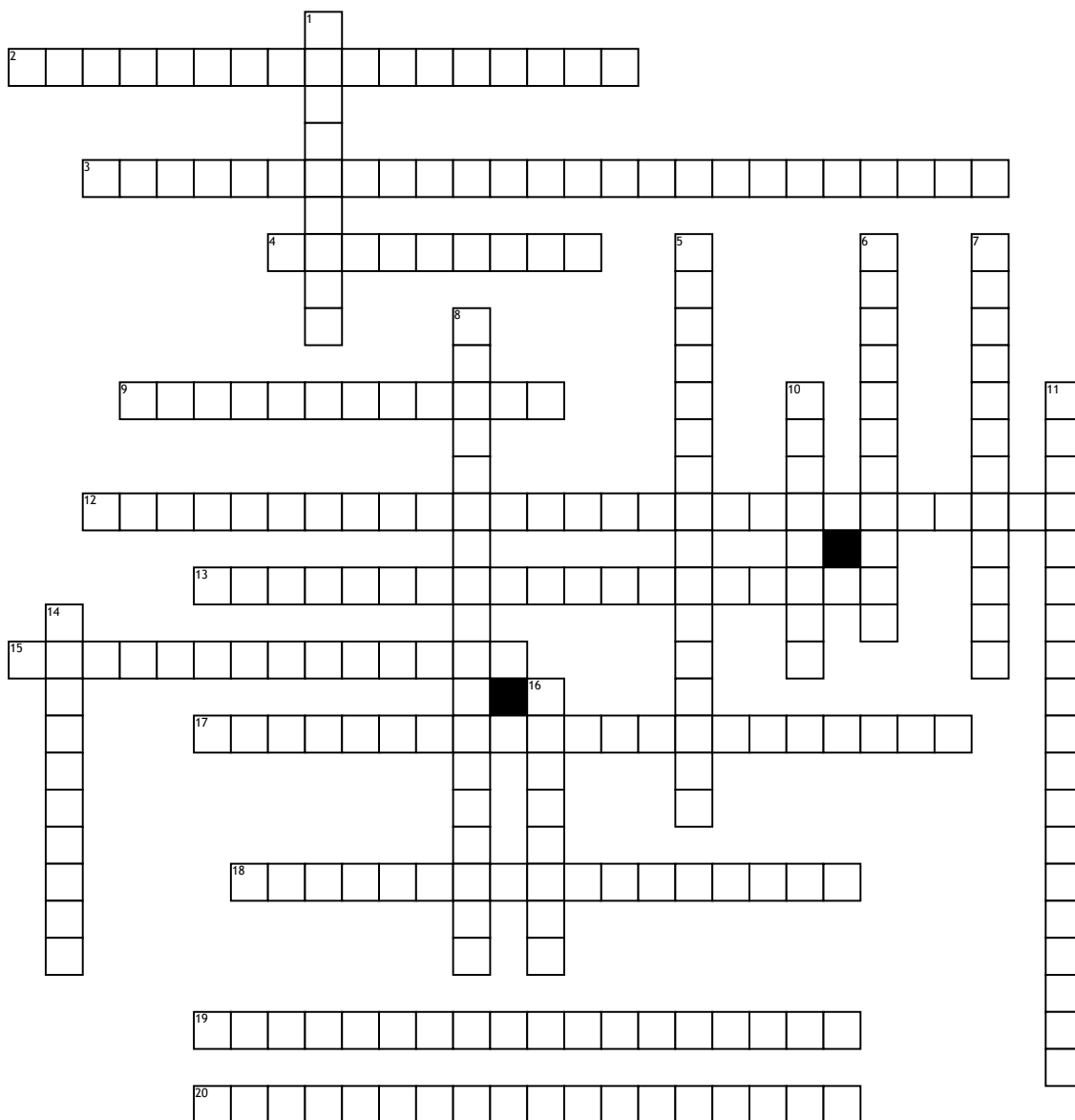


Name: _____

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Algebra Final Project Crossword



Across

2. When a quantity grows exponentially and it increases by the same percent over equal time periods.
 3. A linear system with infinitely many solutions. The graphs of the equations of this system coincide.
 4. A polynomial with three terms.
 9. $Ax+By=C$, where A , B , and C are real numbers and A and B are not both 0.
 12. The process of eliminating a radical from an expression's denominator.
 13. A function of the form $y=ab^x$ to the x where a does not equal 0, $b>0$, and b does not equal 1.
 15. An equation of a nonvertical line written in the form $y-y_1=m(x-x_1)$, where the line passes through a given point (x_1, y_1) and has a slope of m .

17. An equation that contains an absolute value expression.
 18. The sum of the exponents of the variables in the monomial. The degree of a nonzero constant term is 0.
 19. The coefficient in the first term.
 20. A linear system with no solution. The graphs of the equations of this system are parallel lines.

Down

1. Terms that have the same variable parts. Constant terms are also like terms.
 5. Interest that is earned on both an initial investment and on previously earned interest.
 6. The number part of a term with a variable part.

7. A term with a number part but no variable part.
 8. A linear equation written in the form $y=mx+b$ where the m is the slope and b is the y -intercept of the equation's graph.
 10. A number, a variable, or the product of a number and one or more variables with whole number exponents.
 11. The greatest degree of the terms of the polynomial.
 14. A monomial or a sum of monomials.
 16. The number or expression inside a radical symbol.