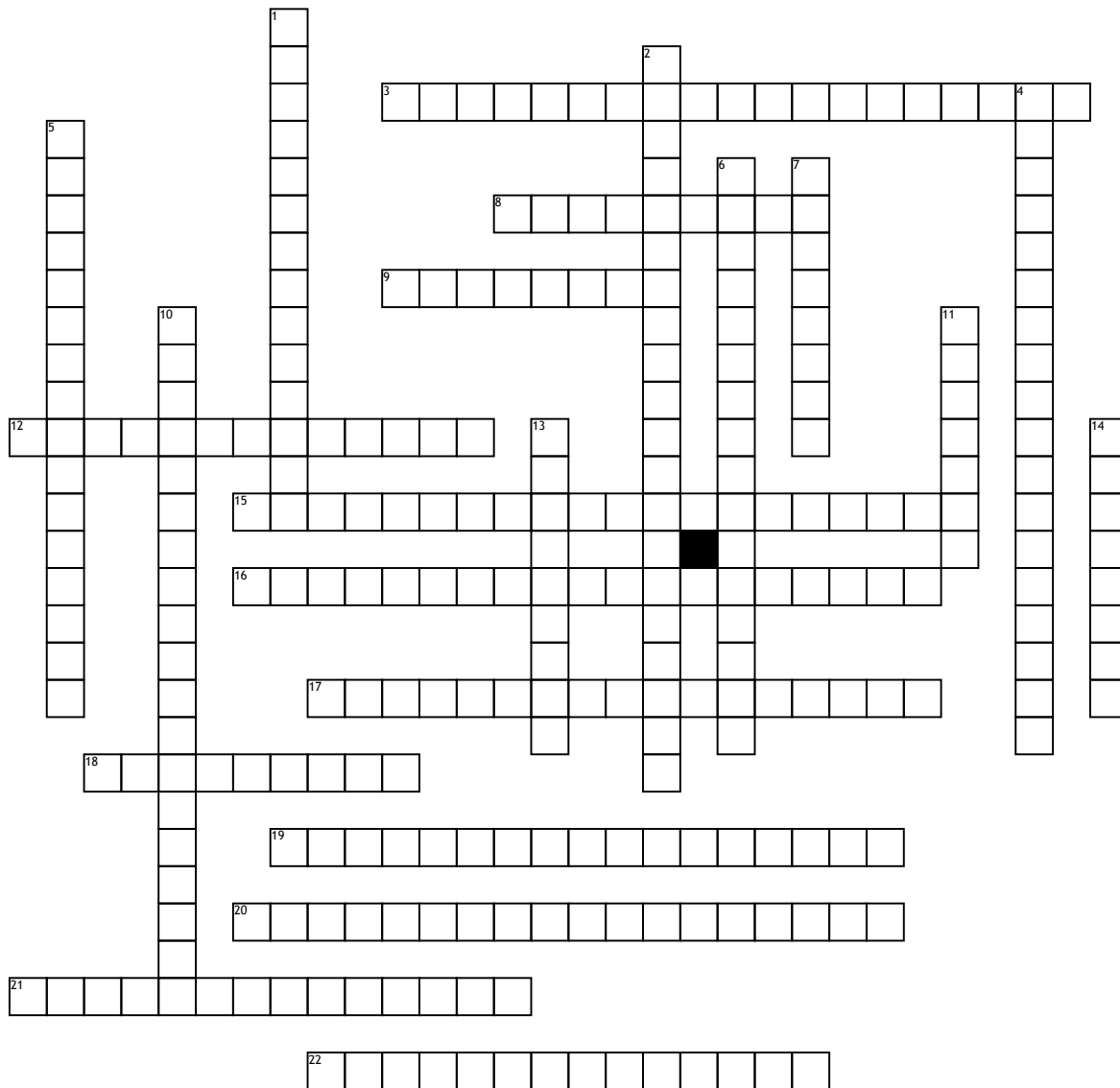


Name: _____

Date: _____

Pre-Calculus



Across

3. _____ is the size of the matrix listed as rows by columns.
 8. The graph of a reciprocal function form a _____.
 9. The part of the complex number containing only real numbers is called _____.
 12. _____ is data with two variables, such as year and number of visitors.
 15. A _____ is a set of two or more inequalities with the same variables.
 16. The _____ is the nonzero constant rate of change in a variation function, k .
 17. _____ is an algebraic method for solving systems of linear equations in which you add or subtract the two equations to eliminate a variable.

18. _____ is a line that a graph of a function approaches but never touches or crosses.

19. An equation whose graph is not a straight line (linear) is a _____.
 20. _____ is an algebraic method for solving systems of linear equations in which you substitute one equation into the other equation to find one variable.
 21. A _____ is a group of graphs/functions that display one or more similar characteristics.
 22. The _____ is the region of space enclosed or bounded by the constraints in a linear programming problem.

Down

1. The line through the vertex of a parabola divides the parabola into two congruent halves is called the _____.

2. A _____ is an equation that contain one or more logarithms.

4. A system of equations is an _____ if it has no solutions.

5. _____ is interest paid on the principal of an investment and any previously earned interest.

6. A logarithm with the base of 10 is called a _____.

7. Is the U-shaped curve/graph of a quadratic function

10. The _____ is given by the term with the largest exponent.

11. _____ is a set of all points in a plane such that the sum of the distance from two fixed points is constant.

13. A polynomial expression with three terms is a _____.

14. A polynomial expression with two terms is a _____.