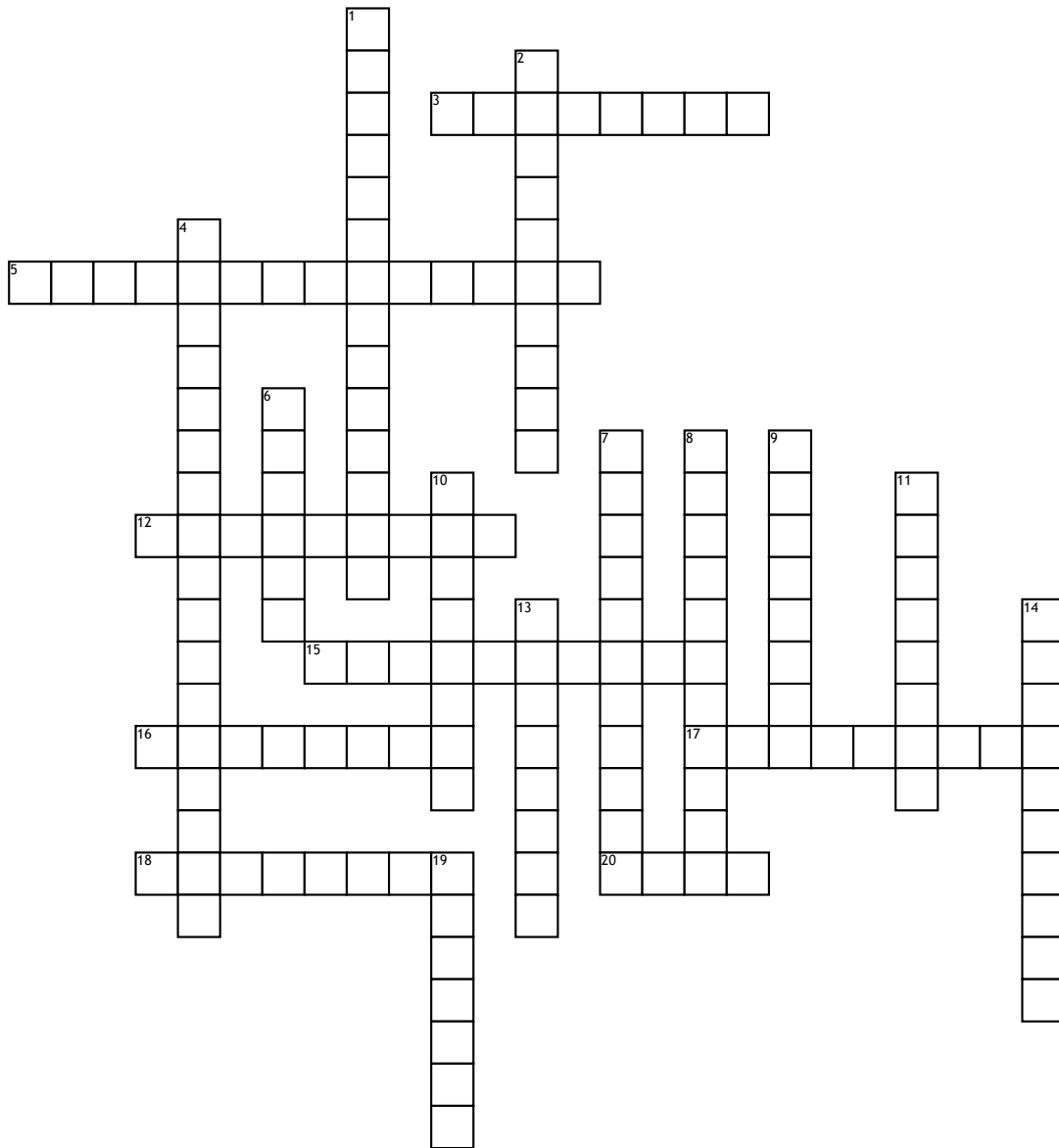


Name: \_\_\_\_\_

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

# Equation Terms



## Across

3. A symbol representing a mathematical operation

5. The form of an expression after like terms have been combined; equivalent to the original expression.

12. Terms that contain the exact same variables raised to the same exponents, possibly with different coefficients.

15. A \_\_\_\_\_ can have constants, variables and the exponents, 0,1,2,3,... But it never has division by a variable

16. A symbol for unknown value

17. Differential equations that do not satisfy the definition of linear are non-linear.

18. Any value of a variable that makes the specified equation true.

20. either a single number, a variable, or numbers and/or variables multiplied together

## Down

1. A set of values from which to find a solution.

2. The number is called the reciprocal of a . When a is multiplied by its reciprocal, the result is 1.

4. An equation that contains one or more variables.

6. A differential equation is called linear if there are no multiplications among dependent variables and their derivatives. In other words, all coefficients are functions of independent variables.

7. A number that is multiplied by a variable

8. For a non-linear differential equation, if there are no multiplications among all dependent variables and their derivatives in the highest derivative term

9. A mathematical sentence starting that two expressions are equal

10. A set with no members; also called the null set. Denoted  $\emptyset$  .

11. The \_\_\_\_\_ says how many times to use the value in a multiplication

13. A number on its own

14. A term or a combination of terms and operators

19. A set with no members; also called the empty set. Denoted  $\emptyset$  .