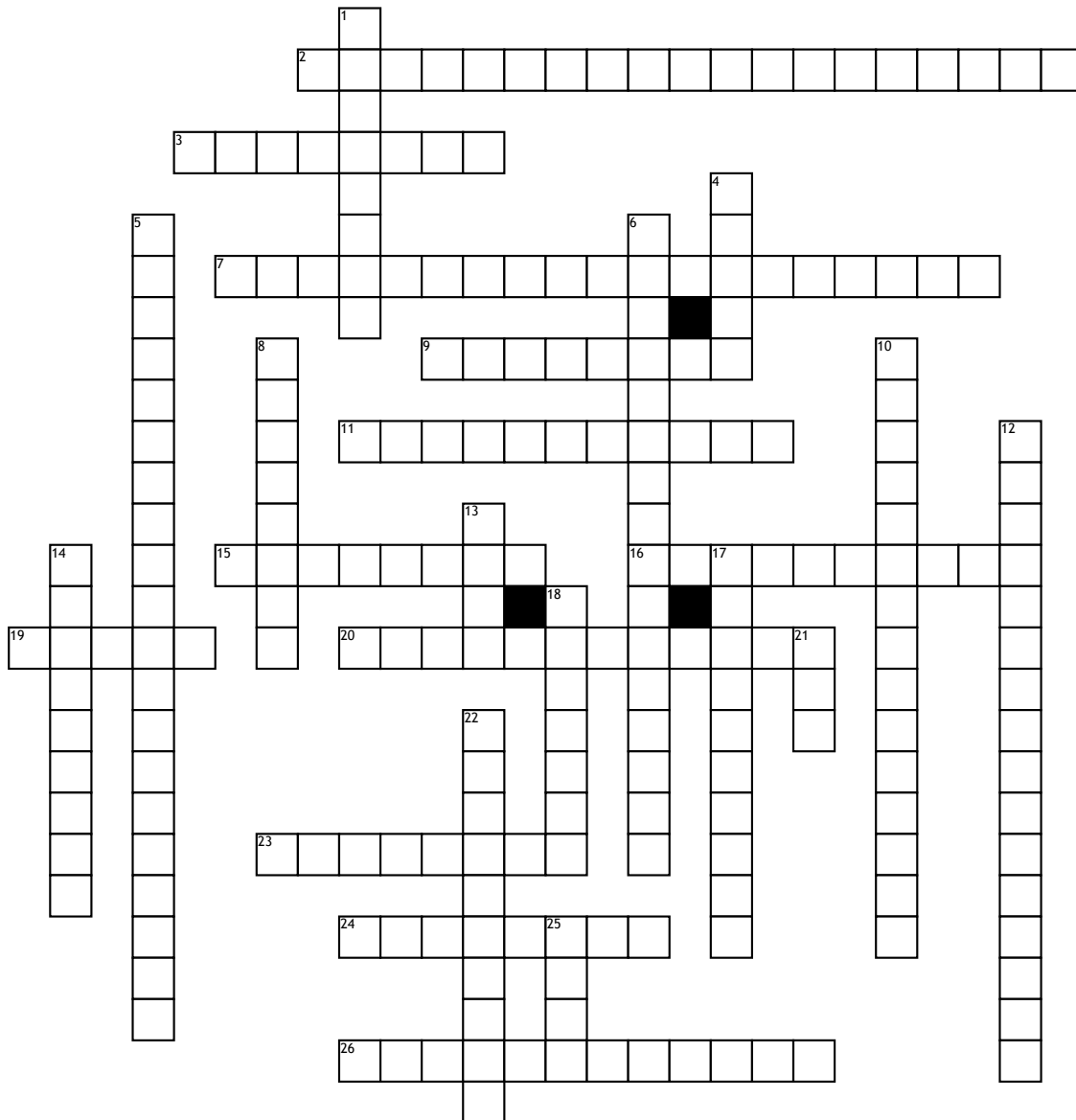


Unit 3 Vocab Puzzle



Across

- 2. used to reorder expressions and equations
- 3. to do this, one must substitute in a value for a given variable and perform the operations according to the Order of Operations
- 7. used to group parts of an expression or equation together
- 9. a set of all positive and negative whole numbers
- 11. a number that is multiplying a variable
- 15. an expression that is the sum or difference of exactly two terms
- 16. a mathematical sentence that uses terms and operations, but does not contain an "equals" sign
- 19. to find the solution for an equation
- 20. a manipulative whose area represents a constant or variable quantity. Used to help find the sums and products of different algebraic expressions

- 23. a mathematical expression where one number is being repeatedly multiplied by itself
- 24. a number that is being added or subtracted, that is not being multiplied by a variable
- 26. a version of a linear equation that is written $ax+by=c$

Down

- 1. the number, or numbers, that can be substituted in for a variable in a given equation and will make the equation true
- 4. a single number, variable, or the product of numbers and variables, separated in an expression with addition and subtraction signs
- 5. used to write the product of expressions as a sum of terms
- 6. a diagram used to visualize multiplying expressions without algebra tiles
- 8. a mathematical sentence where two expressions appear on either side of an "equals" sign

- 10. used to undo an operation. For addition, negatives. For multiplication, fractions
- 12. for addition, 0. For multiplication, 1
- 13. base is the big number in an exponential expression
- 14. a set of numbers is called this when any two numbers in the set can be used with an operation and will result in another number still in the set
- 17. an expression made up of the sum or difference or two or more terms
- 18. the answer to a multiplication problem
- 21. the answer to an addition problem
- 22. describe the length, width, and sometimes height of a shape or space
- 25. The number of square units needed to cover a flat surface