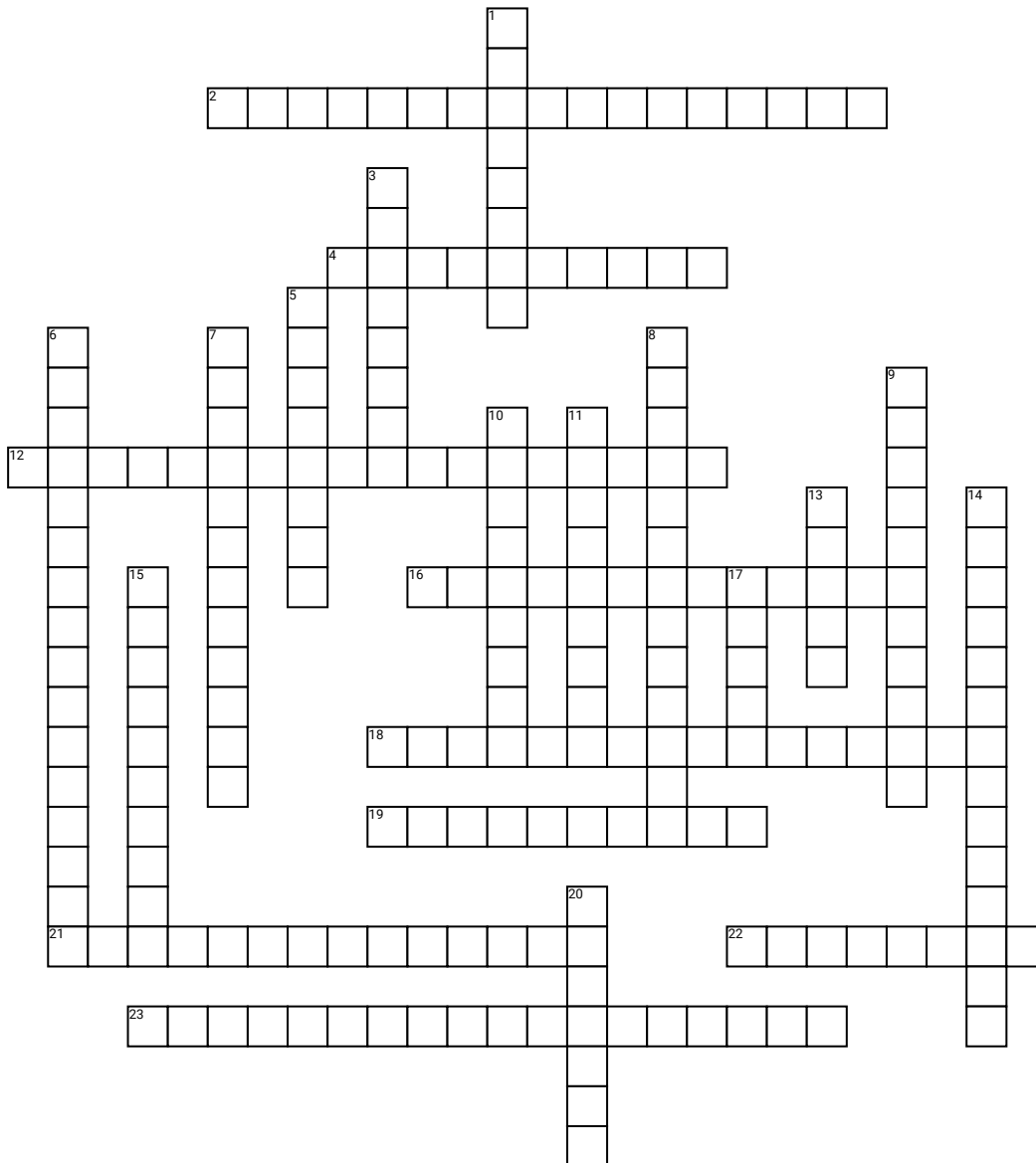


Unit 5 Linear Functions Vocabulary Choice Board Project



Across

- 2. Any function which graph is not a straight line. Has a nonconstant rate of change and an exponent 2 or higher
- 4. Putting numbers where the variables are; Plug in; Replace variables with numbers
- 12. A decimal that ends or stops
- 16. When the slope of a line increases or goes uphill from left to right; will have a positive slope
- 18. Operations that undo each other; opposite operations
- 19. The point where the line touches or intersects the y-axis
- 21. Any function which graphs to a straight line. Both x and y have a constant rate of change or an exponent with 0 or 1.
- 22. Any set of ordered pairs.
- 23. An equation written in the form of $y = mx + b$, where m is the slope and b is the y-intercept

Down

- 1. To find the value of a numerical or algebraic expression
- 3. a statement which shows the equality of two expressions separated by an equal sign "="
- 5. A relation in which each member of the domain (input value) is paired with exactly one member of the range (output value).
- 6. A decimal which has one or more digits recurring; Bar notation is placed above the repeating digits.
- 7. An equation written in the form of $Ax + By = C$
- 8. When the slope of a line decreases or goes downhill from left to right; will have a negative slope
- 9. A pair of numbers used to locate points on the coordinate plane; it is written in this form (x,y) where x is the x-coordinate and y is the y-coordinate

- 10. When the slope of a line forms a horizontal line; $m = 0$; equation is in the form of $y = \#$
- 11. Terms which have the same variable and power. The coefficients do not have to be the same.
- 13. The rate of change; the steepness of a line; rise (up or down) over run (left or right); change of y over the change of x; there are 4 types – positive, negative, zero, and undefined
- 14. When the slope of a line forms a vertical line; no slope; equation is in the form of $x = \#$
- 15. A combination of symbols, operators, numbers, and/or variables without using an equal sign or inequality signs; variable is a letter that can be replaced with any number from a set
- 17. To find the value of variable that makes an equation true; solution
- 20. A whole number not a fraction that can be negative, positive, or zero; negative integers are to the left of zero; positive integers are to the right of zero