Algebra

Across

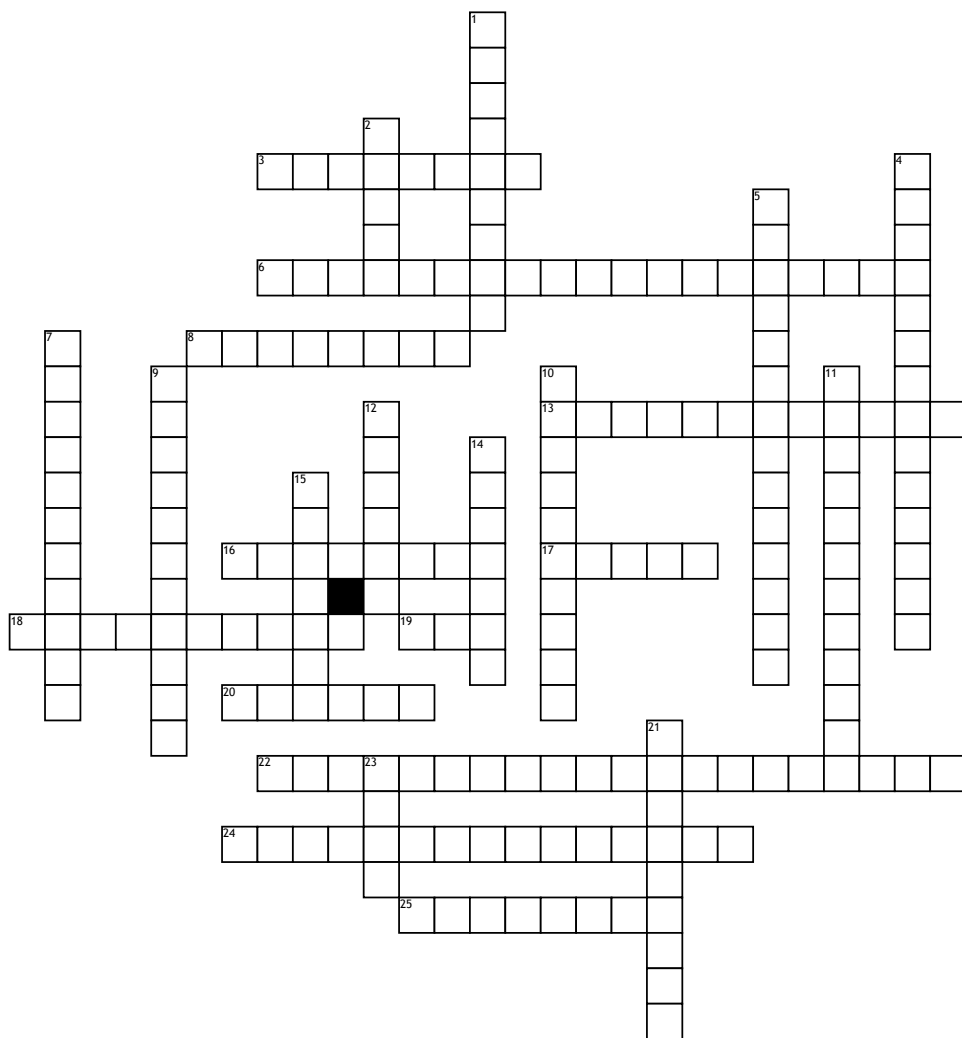**3.** to find the numeric value of an expression

6. the variable that a result depends on, usually the x variable

8. a relation where for every x value (Input) there is exactly one y value (output)

13. the starting amount of something, also the y intercept in a function

16. a mathematical expression that indicates division

17. the set of all line y values in a relation

18. a relation where the points are connected by a line or curve

19. the greatest common factor, or largest number/variable that divides evenly into a set of numbers

20. a value found by doing a function rule for a given input, typically the y value

22. given a number in front of parenthesis, to multiply each term by that number

24. a equation that contains more than one variable, notably formulas

25. a relation made up of a set of points, not connected

Down

1. a set of ordered pairs

2. the steepness of a line, usually called the rise over run

4. a function whose graph is a line

5. the form of a linear equation used when given a point on the line and its slope

7. when no value will make a true equation, usually seen as an untrue equality such as 5=8

9. a number in front of a variable

10. a mathematical expression that indicates subtraction

11. the change in y, dived by the change in x values

12. the set of all x-values of a relation

14. to provide reasons for the steps in your work, such as properties

15. a mathematical expression that indicates multiplication

21. the sum of the slides of a figure

23. each part of a function, separated by addition or subtraction

Word Bank

Literal equation	Coefficient	Independent variable	Justify	Relations
Linear function	Range	Function	GCF	Evaluate
Slope	Continuous	Distributive Property	Initial value	No solutions
Difference	Rate of change	Point- Slope form	Output	Quotient
Domain	Term	Perimeter	Discrete	Product