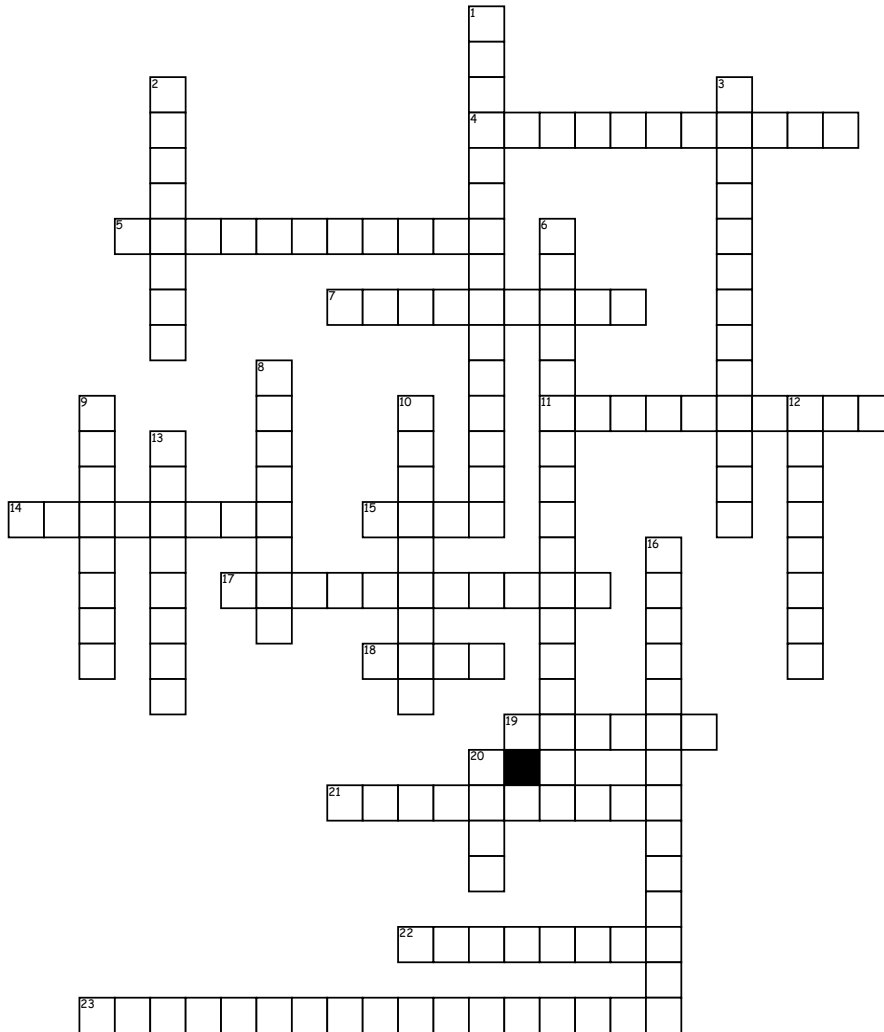


Name: _____

Vocabulary Behind Algebra 1!!!



Across

- 4. the set of numbers that includes rational and irrational numbers.
- 5. adding the opposite
- 7. terms with exactly the same variable factors in a variable expression
- 11. A statement that compares two quantities using $<$, $>$, \leq , \geq , or \neq
- 14. a mathematical notation indicating the number of times a quantity is multiplied by itself
- 15. The number that occurs most often in a set of data
- 17. The numerical factor when a term has a variable
- 18. a number, a variable, or the product of a number and a variable

19. The middle number in a set of numbers that are listed in order

21. a mathematical phrase that contains operations, numbers, and/or variables

22. a symbol (like x or y) that is used in mathematical or logical expressions to represent a variable quantity

23. operations that undo each other

Down

1. A plane formed by the intersection of a horizontal number line called the x -axis and a vertical number line called the y -axis

2. substituting a given number for each variable

3. The distance that a number is from zero on the number line

6. numbers that cannot be expressed in the form a/b , where a and b are integers and $b \neq 0$.

8. a mathematical sentence with an equal sign

9. to write an expression in a simpler form

10. two numbers that are the same distance from zero on a number line, but are in opposite directions. (-2 and 2)

12. Whole numbers and their opposites

13. a quantity that does not vary

16. The set of numbers $1, 2, 3, 4, \dots$ Also called counting numbers.

20. an average of n numbers computed by adding some function of the numbers and dividing by some function of n

Word Bank

- | | | | | |
|--------------------|-----------------|--------------------|------------------|------------|
| coefficient | natural numbers | evaluate | coordinate plane | equation |
| constant | variable | inverse operations | like terms | mean |
| irrational numbers | real numbers | integers | exponent | mode |
| opposites | median | expression | subtraction | inequality |
| simplify | absolute value | term | | |