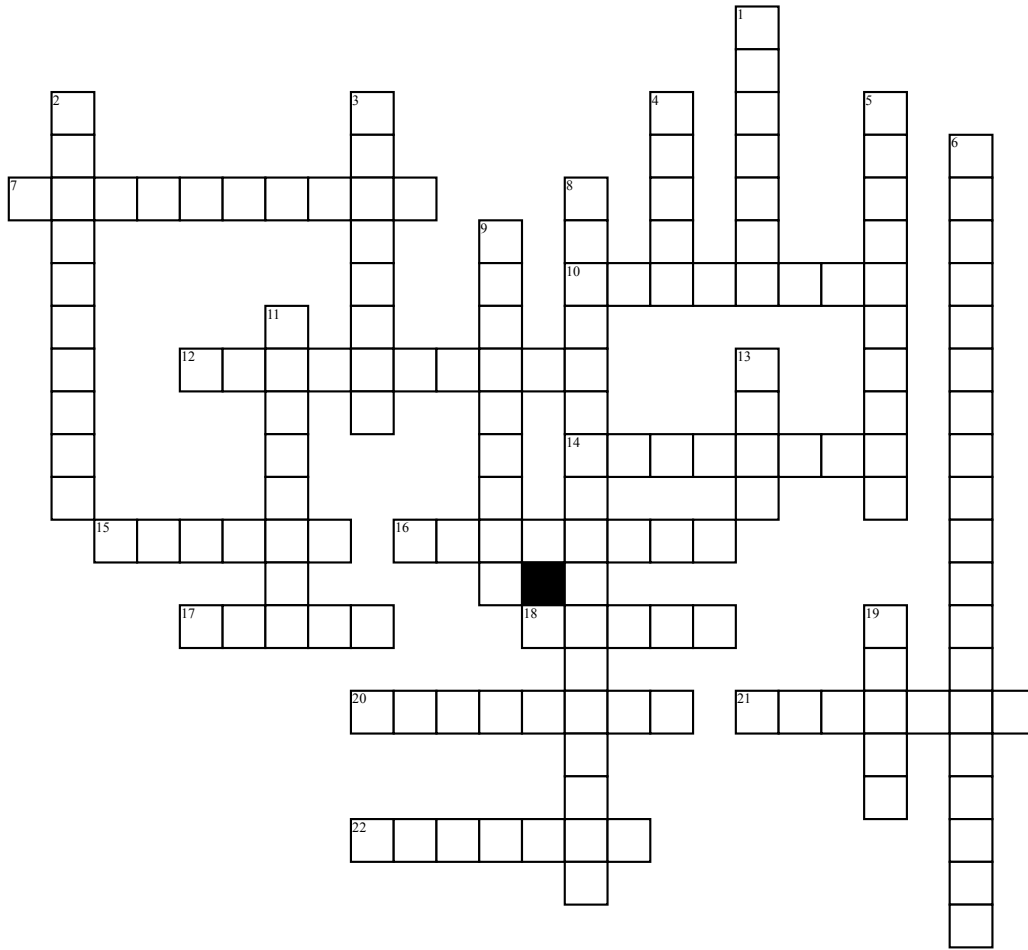


# Algebra 1



**Across**

- 7. The graph of a function goes down on a portion of its domain when viewed from left to right.
- 10. numbers that are greater than zero
- 12. An equation of the form  $a/b=c/d$ , where  $b \neq 0$ , stating that two ratios are equivalent.
- 14. A mathematical sentence that contains an equals sign, =.
- 15. The set of the first numbers of the ordered pairs in a relation.
- 16. An equation that is true for every value of the variable.
- 17. 1. The set of second numbers of the ordered pairs in a relation. 2. The difference between the greatest and least data values.
- 18. The vertical number line on a coordinate plane.

**20. Less than zero**

- 21. In an algebraic expression, the quantities being multiplied

- 22. A Equation that states a rule for the relationship between certain quantities.

**Down**

- 1. In an algebraic expression, the result of quantities being multiplied
- 2. An open sentence that contains the symbol  $<$ ,  $\leq$ ,  $>$ , or  $\geq$ .
- 3. A relation in which each element of the domain is paired with exactly one element of the range.
- 4. The horizontal number line on a coordinate plane.
- 5. The graph of a function goes up on a portion of its domain when viewed from left to right.

- 6. The variable in a function with a value that is subject to choice.

- 8. The variable in a relation with a value that depends on the value of the independent variable.

- 9. 1. Symbols used to represent unspecified numbers or values. 2. A characteristic of a group of people or objects that can assume different values.

- 11. A replacement value for the variable in an open sentence.

- 13. The ratio of two measurements having different units of measure.

- 19. A comparison of two numbers by division.

**Word Bank**

Equation	product	Independent Variable	Dependent Variable	X Axis
decreasing	Negative	Positive	identity	function
factors	proportion	increasing	domain	range
ratio	rate	Y Axis	formula	solution
Inequality	Variables			