

Algebra Terms Study Sheet

1. variable A symbol that represents an unknown quantity.
2. equation A mathematical statement that shows two expressions are equal.
3. coefficient The numerical factor of a term in an algebraic expression.
4. expression A combination of numbers, variables, and operations.
5. quadratic A polynomial equation of degree 2.
6. factor A number or expression that divides another without a remainder.
7. algebraic Relating to mathematical operations using variables and constants.
8. linear An equation or expression of degree 1.
9. inequality A mathematical statement indicating a relationship between two expressions that may not be equal.
10. solution A value that satisfies an equation or inequality.
11. polynomial An expression with one or more terms, each with a non-negative integer exponent.
12. substitution The process of replacing a variable with a specific value.
13. function A mathematical relationship between input and output values.
14. constant A number that does not change in value.
15. distributive A property that relates multiplication to addition or subtraction.
16. exponent A number that indicates the power to which another number is raised.
17. root A value that, when raised to a certain power, equals another value.
18. graph A visual representation of mathematical relationships.
19. system A set of equations to be solved simultaneously.
20. domain The set of all possible input values for a function.