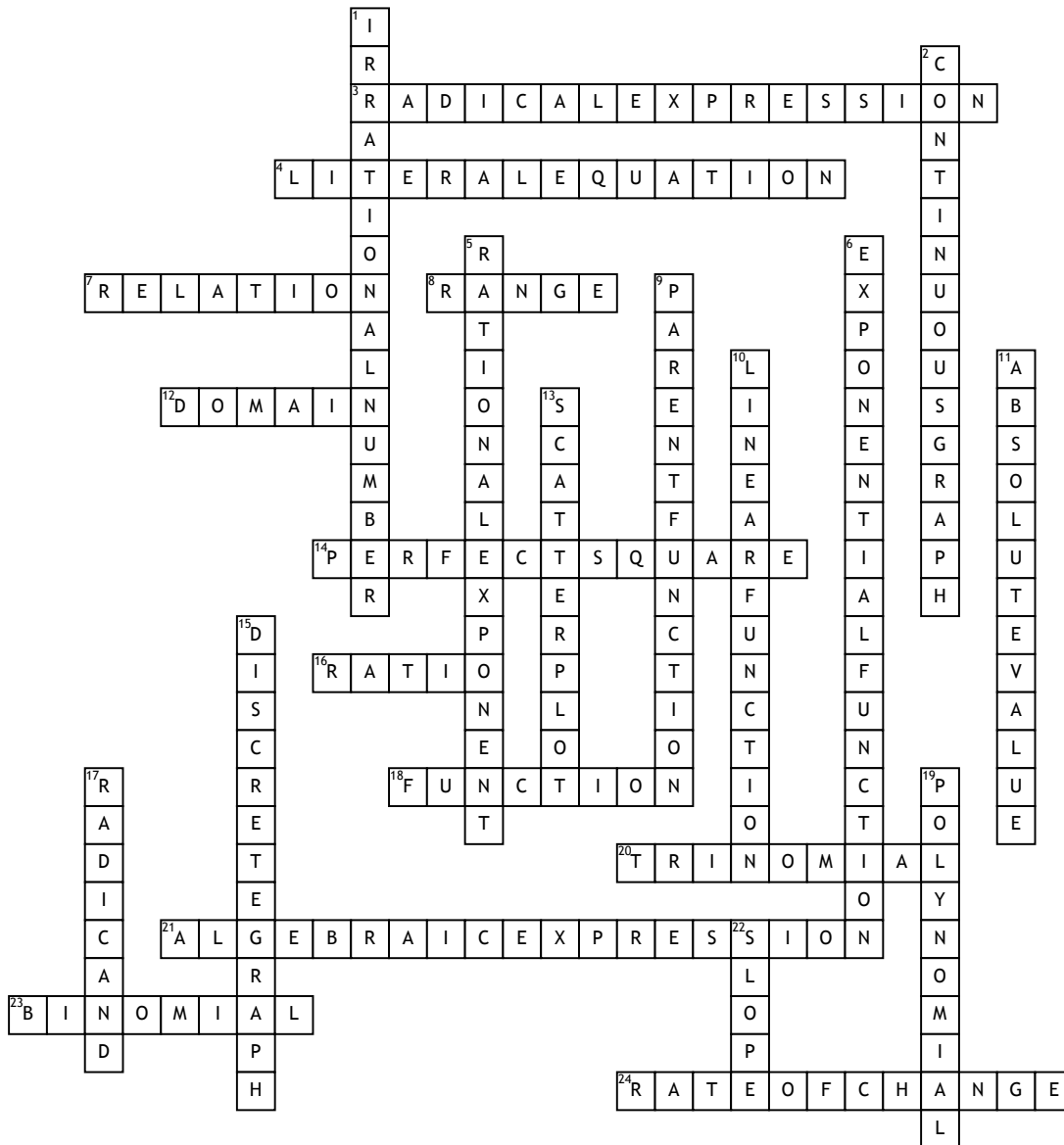


Algebra Vocabulary



Across

3. An expression that contains a radical sign.
 4. An equation that contains two or more variables
 7. A set of ordered pairs.
 8. The set of all second coordinates (or y-values) of a function or relation.
 12. The set of all first coordinates (or x-values) of a relation or function.
 14. A number whose positive square root is a whole number.
 16. A comparison of two quantities by division.
 18. A relation in which every domain value is paired with exactly one range value.
 20. A polynomial with three terms.

21. An expression that contains at least one variable.

23. A polynomial with two terms.

24. A ratio that compares the amount of change in a dependent variable to the amount of change in an independent variable.

Down

1. A real number that cannot be expressed as the ratio of two integers.
 2. A graph made up of connected lines or curves.
 5. An exponent that can be expressed as m/n .
 6. A function of the _____, where a and b are real numbers with _____

9. The simplest function with the defining characteristics of the family.

10. A function that can be written in the form $y=mx+b$, where x is the independent variable and m and b are real numbers. Its graph is a line.

11. The distance from zero to x on a number line.

13. A graph with points plotted to show a possible relationship between two sets of data.

15. A graph made up of unconnected points.

17. The expression under a radical sign.

19. A monomial or a sum or difference of monomials.

22. A measure of the steepness of a line.