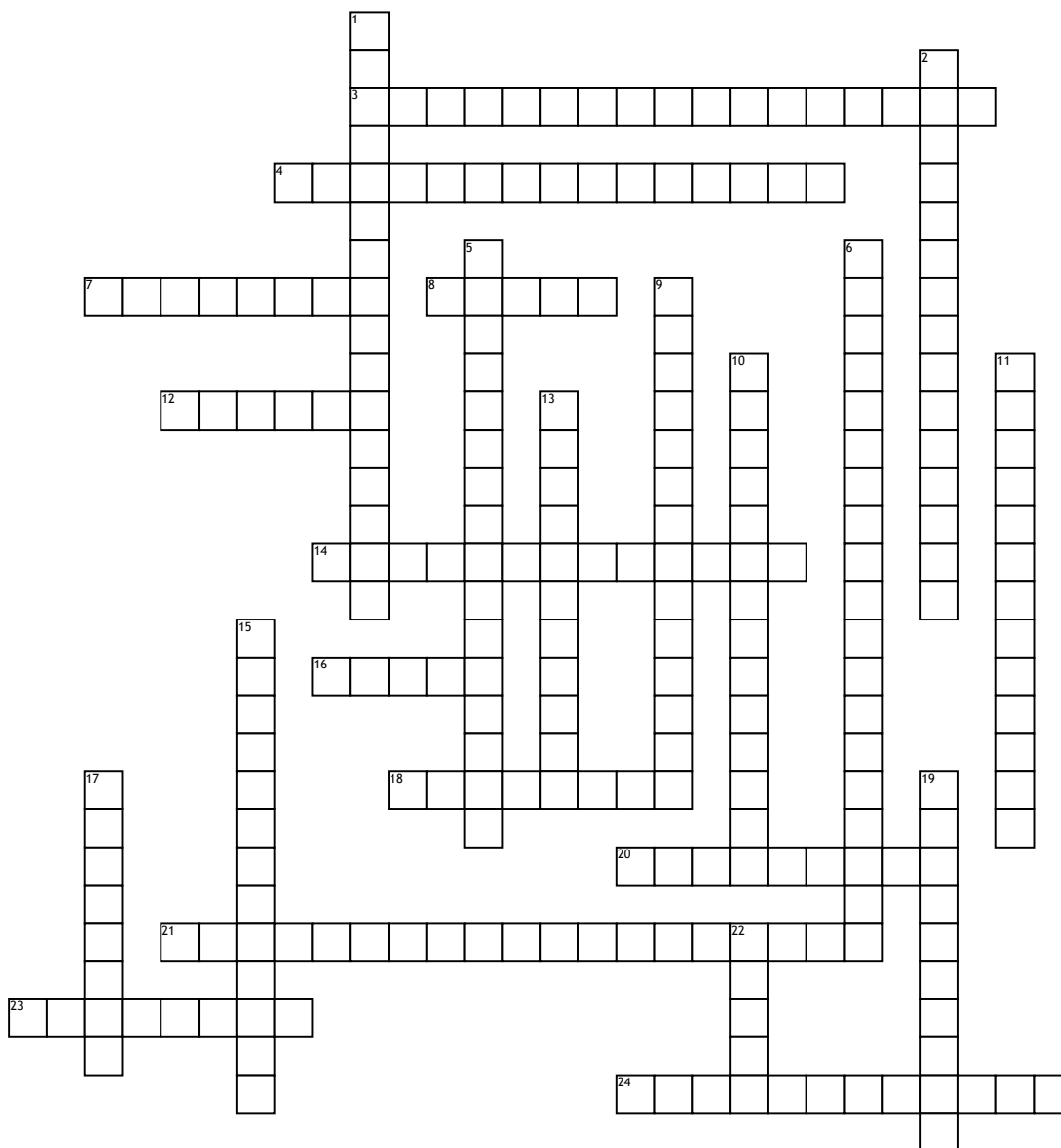# Algebra Vocabulary

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.