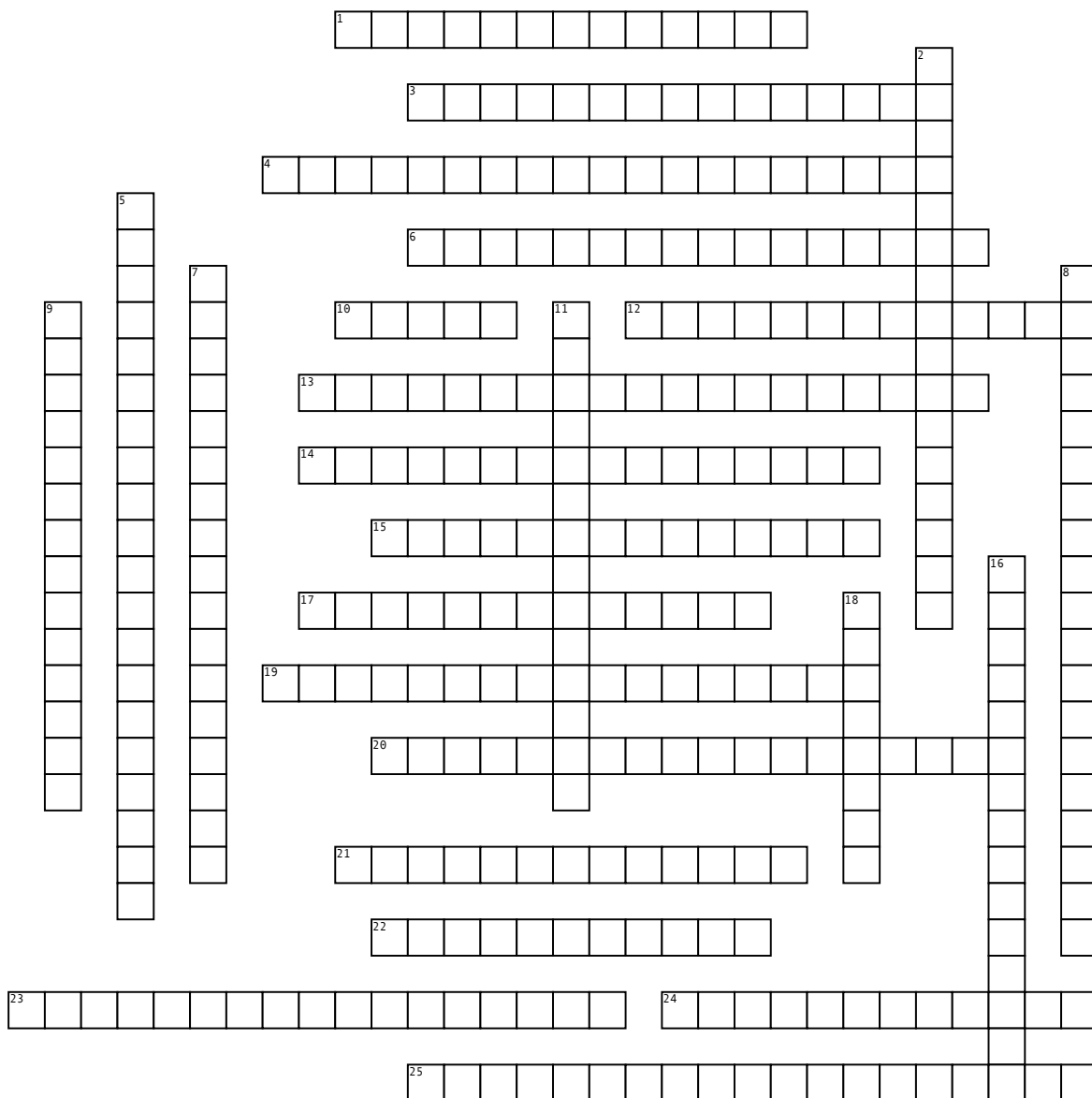


Algebra 2 Vocabulary Crossword



Across

1. two lines on a plane that never intersect
3. an equation in which a variable is under a radical
4. a variable whose variation does not depend on that of another
6. a visual way to determine if a curve is a graph of a function or not
10. the direction and steepness of a line
12. the distance from 0 on a # line
13. a technique used to solve quadratic equations and graph quadratic functions
14. stretching $f(x)$ by a factor of $1/k$ if $0 < k < 1$

15. $y=mx+b$

17. every part has a matching part the same distance from the y-axis
19. a function defined by multiple subfunctions
20. used to calculate the slope of the secant line between two points on the graph of a function
21. every part has a matching part the same distance from the x-axis
22. the graph of f is symmetrical to the origin
23. an equation to the second degree
24. the graph of f is symmetric with respect to the y-axis
25. the value of a quantity divided by the elapsed time

Down

2. a nonlinear relationship where the product of 2 variables is constant
5. $I=PRT$; allows one to calculate interest earned or changed on a loan
7. a transformation by which all distances on the coordinate plane are shortened
8. a line with a slope of zero
9. a function of price
11. every part has a matching part the same distance from the origin
16. as x increases y increases, and vice versa
18. relationship or expression involving one or more variables