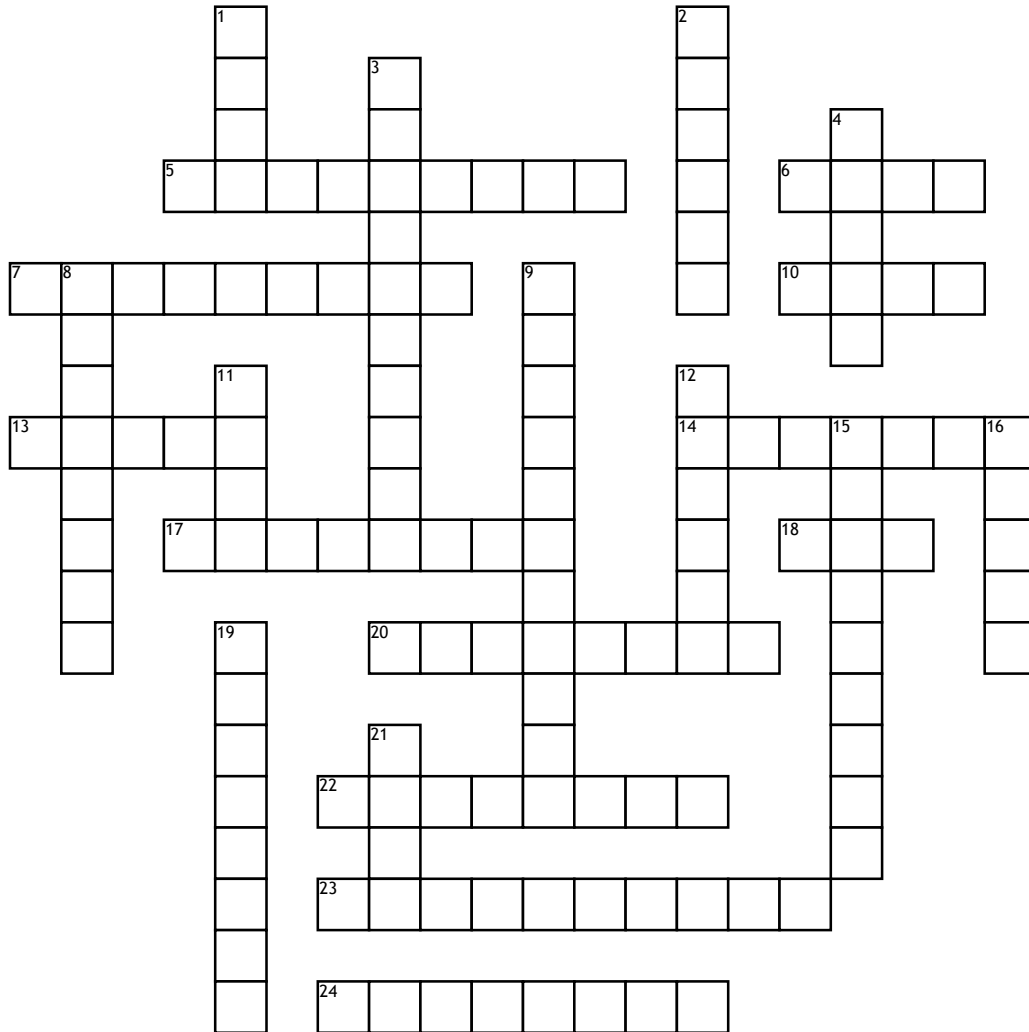


# Linear Equations



**Across**

- 5. Another word for the y-value is the \_\_\_\_\_ variable
- 6. An ordered \_\_\_\_\_ is a set of x and y values
- 7. A vertical line has a \_\_\_\_\_ slope
- 10. It takes two points to make a \_\_\_\_\_
- 13. The set of output or y-values
- 14. A relation is NOT a function if the x-value \_\_\_\_\_
- 17. If the graph of the line is pointing upward from left to right, then the slope is \_\_\_\_\_
- 18. Slope is often described as the "rise over \_\_\_\_\_"

- 20. One of the four sections of a coordinate plane
- 22. If there is a \_\_\_\_\_ number in front of the x, then the slope of the graph will be negative.
- 23. A \_\_\_\_\_ line has a slope of zero
- 24. If there is a \_\_\_\_\_ in front of the x, then the slope of the line will be positive.

**Down**

- 1. \_\_\_\_\_ of change is another word for slope
- 2. The set of x-values or input values
- 3. The point where the graph crosses the y-axis.
- 4. Horizontal axis on the coordinate plane

- 8. If the graph of a line is going down, (from left to right) then the slope is \_\_\_\_\_

- 9. another word for the x- value is \_\_\_\_\_ variable
- 11. A horizontal line on a graph has a \_\_\_\_\_ slope
- 12. (0,0)
- 15.  $y = mx + b$  is the way we write linear \_\_\_\_\_
- 16. The change in y divided by the change in x
- 19. Use the \_\_\_\_\_ line test to identify if a graph is function or not
- 21. When the y-intercepts happens, the value of x is \_\_\_\_\_

**Word Bank**

- |             |            |          |             |          |           |
|-------------|------------|----------|-------------|----------|-----------|
| independent | origin     | negative | x-axis      | vertical | equations |
| line        | run        | pair     | negative    | slope    | positive  |
| positive    | horizontal | range    | zero        | domain   | undefined |
| dependent   | repeats    | quadrant | y-intercept | zero     | rate      |