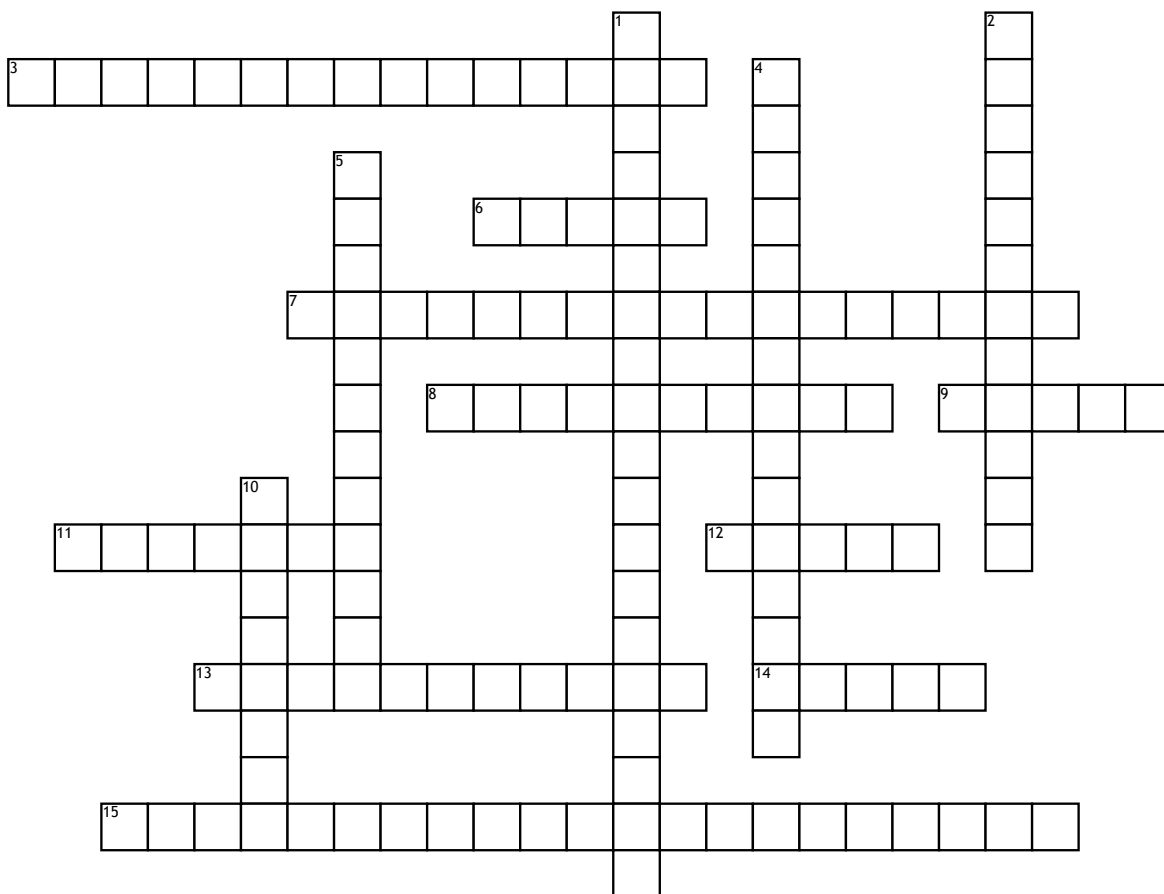# Unit 4B Crossword

Across

3. Can be specified by an ordered pair of numbers.

6. Is a measure of the steepness of a line, or a section of a line, connecting two points.

7. A variable (often denoted by y) whose value depends on that of another.

8. The slope is the number "m" that is multiplied on the x, and "b"

9. The secondary or vertical axis of a system of coordinates, points along which have a value of zero for all other coordinates.

11. Is a group of mathematical symbols that express a relationship or that are used to solve a problem.

12. The principal or horizontal axis of a system of coordinates, points along which have a value of zero for all other coordinates.

13. A pair of elements a, b having the property that (a, b) = (u, v) if and only if a = u, b = v.

14. In two dimensions.

15. Example: z=y+w+x

Down

1. A variable (often denoted by x) whose variation does not depend on that of another.

2. Is an ordinary differential equation together with a specified value.

4. Is an equation where variables represent known values.

5. Can generally be expressed as a ratio between a change in one variable relative to a corresponding change in another

10. The four regions of a coordinate plane.