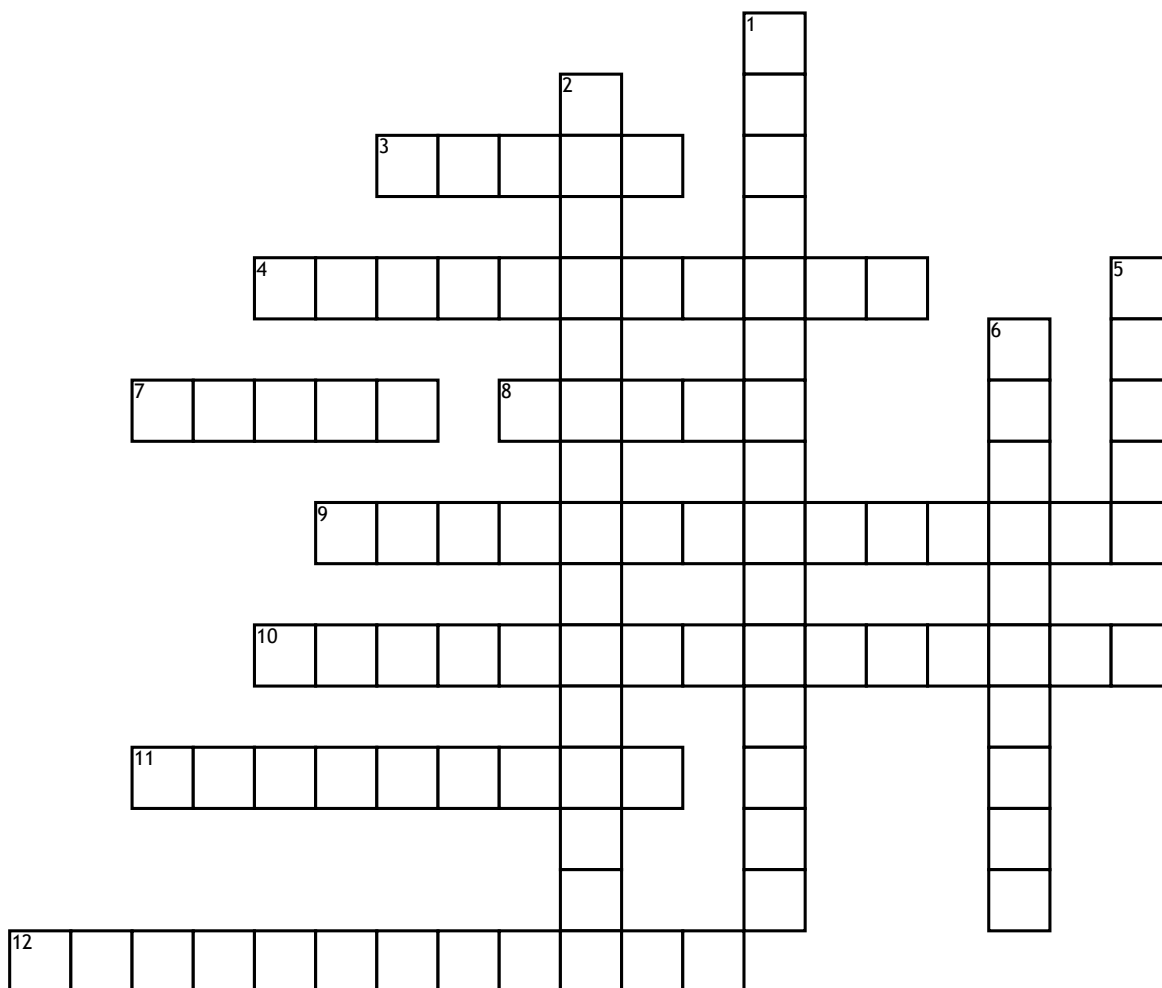Name: _____   Date: _____   Period: _____

wyllisha math crossword puzzle

Across

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

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

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

8. Image result for slope definition math - Definition & Formulas. The slope is a measure of the steepness of a line, or a section of a line, connecting two points. In this lesson, you will use several different formulas for slope

9. Linear functions are those whose graph is a straight line. A linear function has the following form. y = f(x) = a + bx. A linear function has one independent variable and one dependent variable. The independent variable is x and the dependent variable is y.

10. A coordinate plane is an important tool for working with these equations. It is formed by a horizontal number line, called the x-axis, and a vertical number line, called the y-axis. The two axes intersect at a point called the origin

11. I II III IV. Pages referring to 'quadrant' The Coordinate Plane. The coordinate plane defined with description of x,y axis, quadrants, origin.

12. Therefore, proportional relationships are relationships between two equal ratios. For example, oranges are sold in a bag of 5 for $2. The ratio of oranges to their cost is 5:2 or . If I bought 20 oranges, I could set up a proportion to determine my cost.

Down

1. an equation between two variables that gives a straight line when plotted on a graph

2. A relationship between two variables in which one is a constant multiple of the other. In particular, when one variable changes the other changes in proportion to the first. If b is directly proportional to a, the equation is of the form b = ka (where k is a constant). Equation: y = 4x.

5. In two dimensions. On the flat coordinate plane, there are two axes, the vertical y-axis and the horizontal x-axis. The origin is the point where they intersect. This point has the coordinates 0,0 and is usually labelled with the letter O.

6. equal in value, amount, function, meaning, etc