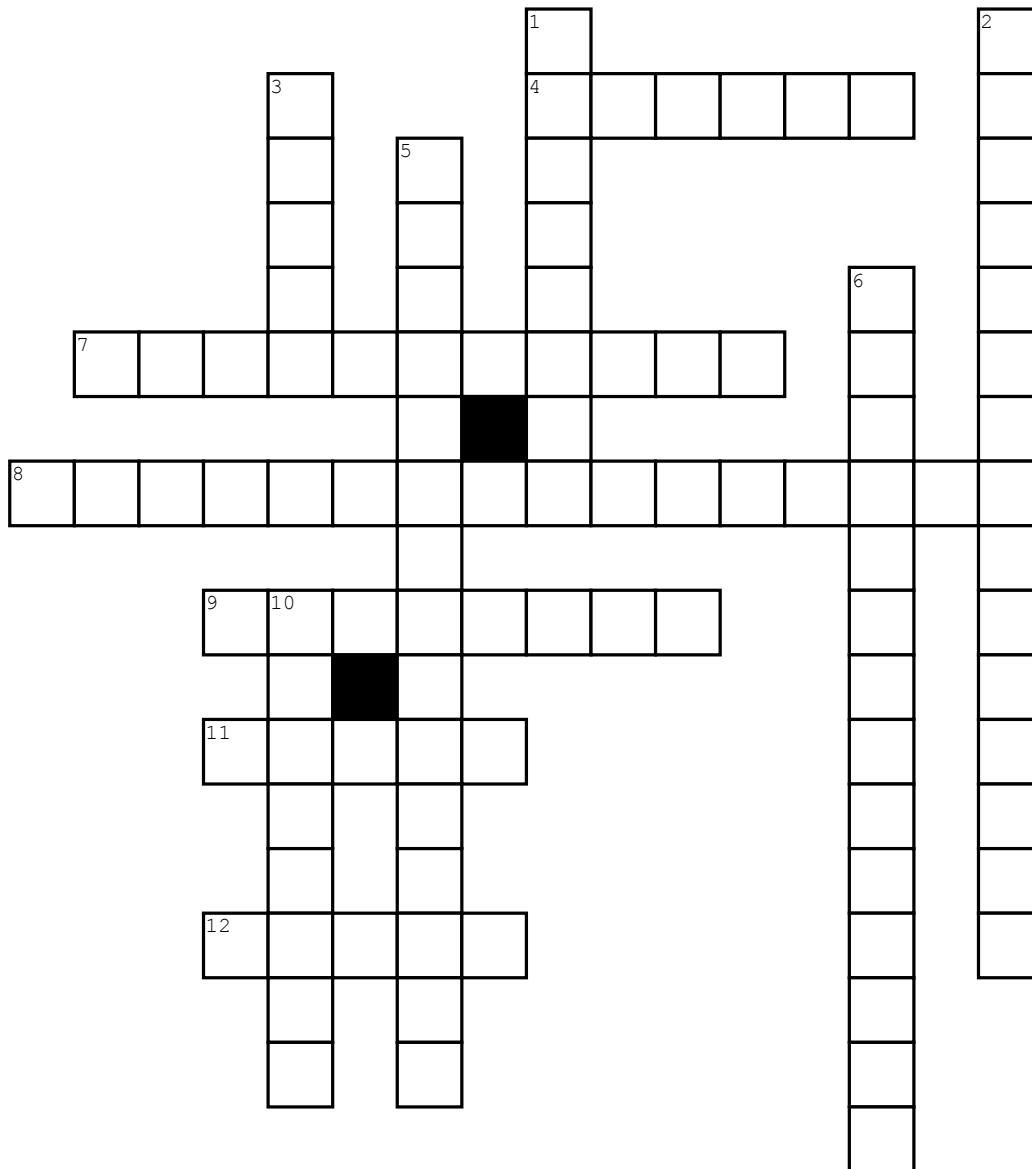


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# cross word- tic tac toe



## Across

4. the point or place where something begins, arises, or is derived
7. a pair of elements  $a, b$  having the property that  $(a, b) = (u, v)$  if and only if  $a = u, b = v$ .
8. relationships between two equal ratios
9. a statement that the values of two mathematical expressions are equal (indicated by the sign)
11. the principal or horizontal axis of a system of coordinates, points along which have a value of zero for all other coordinates.

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

## Down

1. If a quantity  $x$  is proportional (directly) to another quantity  $y$ , then  $x$  is written as  $x = ky$ , where  $k$  is called the Constant of Proportionality.
2. The plane determined by a horizontal number line, called the  $x$ -axis, and a vertical number line, called the  $y$ -axis, intersecting at a point called the origin.

3. (of a surface or line) be inclined from a horizontal or vertical line; slant up or down.
5. mathematical relationship between two variables that can be expressed by an equation in which one variable is equal to a constant times the other.
6. any function that graphs to a straight line.
10. each of four parts of a plane, sphere, space, or body divided by two lines or planes at right angles.