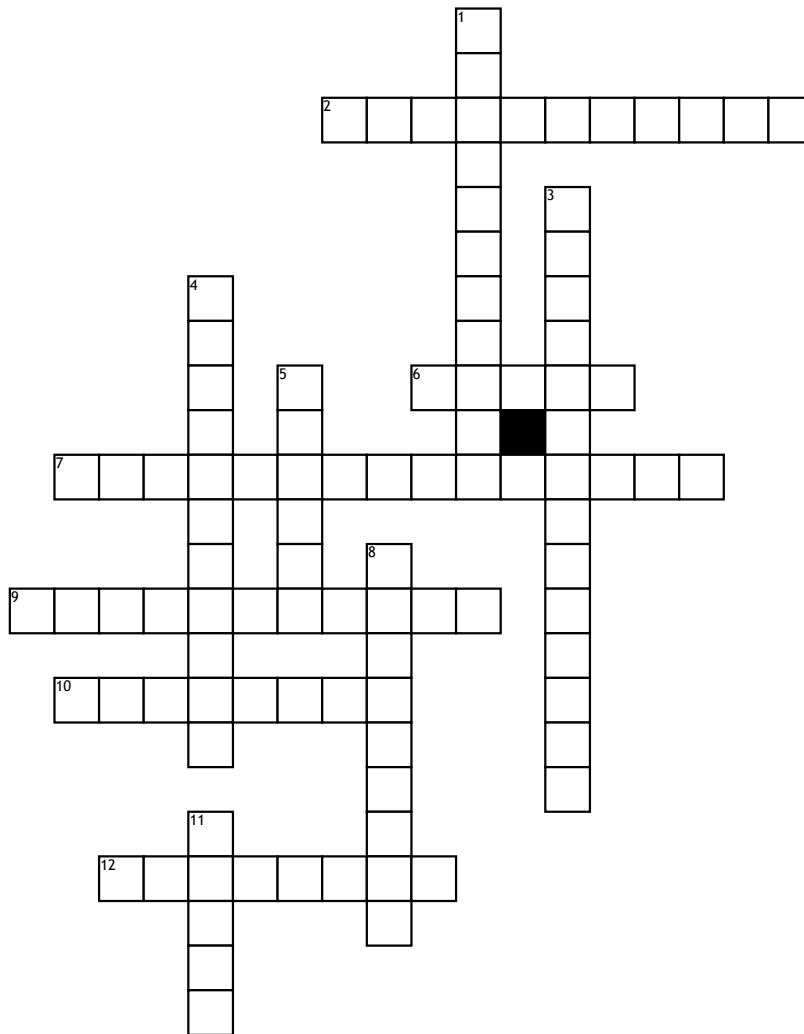


Multiple Representations



Across

2. the first number of an ordered pair. The x-coordinate corresponds to a number on the x-axis.

6. the vertical line of the two perpendicular number lines on a coordinate plane

7. a plane in which a horizontal number line and a vertical number line intersect at their zero points

9. the quantity in a relationship with a value that is subject to choice, x variable

10. an algebraic relationship that compares the independent and dependent quantities of a relationship through addition. Written in the form $y=x+a$, where a is any rational number.

12. the four regions in a coordinate plane separated by the x-axis and y-axis

Down

1. the second number of an ordered pair. The y-coordinate corresponds to a number on the y-axis.

3. an algebraic relationship that compares the independent and dependent quantities of a relationship using multiplication. Written in the form $y=ax$, where a is any rational number.

4. a pair of numbers used to locate a point on the coordinate plane. The ordered pair is written in the form (x-coordinate, y-coordinate).

5. the point of intersection of the x-axis and y-axis on a coordinate plane

8. the variable in a relationship with a value that depends on the value of the independent quantity

11. the horizontal line of the two perpendicular number lines in a coordinate plane

Word Bank

additive

origin

dependent

ordered pair

independent

x-coordinate

multiplicative

quadrant

x-axis

y-axis

coordinate plane

y-coordinate