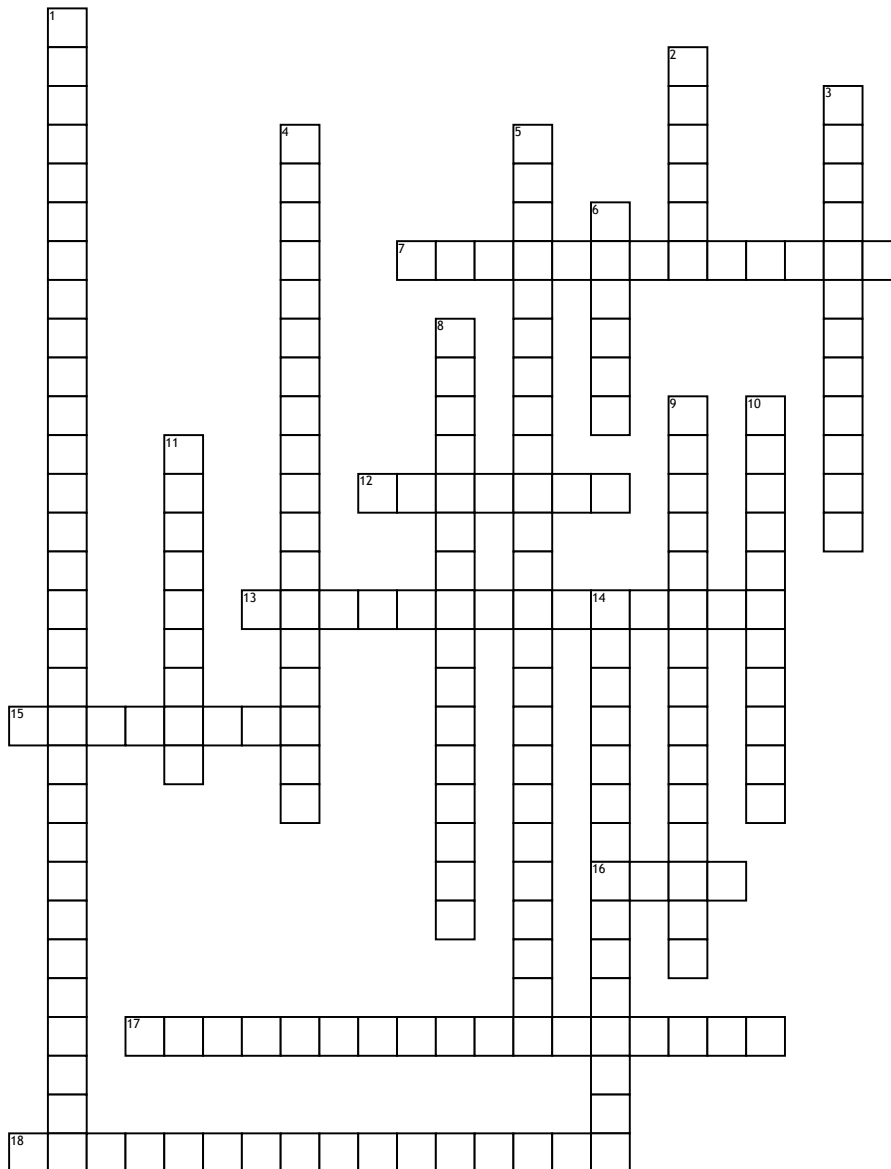


Name: _____ Date: _____ Period: _____

Patterns on a Coordinate Plane



Across

7. a number that uses a decimal point to show tenths, hundredths, and thousandths
 12. the answer to a multiplication problem
 13. a fraction with a numerator smaller than the denominator
 15. part of a whole
 16. the vertical and horizontal lines that act as a reference when plotting points on a coordinate plane
 17. intersecting lines Lines that cross at a point.
 18. a table of values that follows a rule; used to show the pattern in x-values and their corresponding y-values

Down

1. a pattern that occurs when a constant non-zero value is multiplied by an input value to determine the output value ($y = ax$)
 2. the starting point in locating points on a coordinate plane (0,0)
 3. Natural numbers (counting numbers) and zero; 0, 1, 2, 3...
 4. Lines that intersect to form right angles
 5. a pattern that occurs when a constant non-zero value is added to an input value to determine the output value ($y = x + a$)
 6. A number that is multiplied by another number to get a product
 8. a fraction whose numerator is larger than the denominator

9. the set of positive numbers that begins at one and increases by increments of one each time {1, 2, 3, ..., n}
 10. a number made up of a whole number and a fraction
 11. Four regions into which a coordinate plane is divided by the x-axis and the y-axis
 14. a two-dimensional plane on which to plot points, lines, and curves