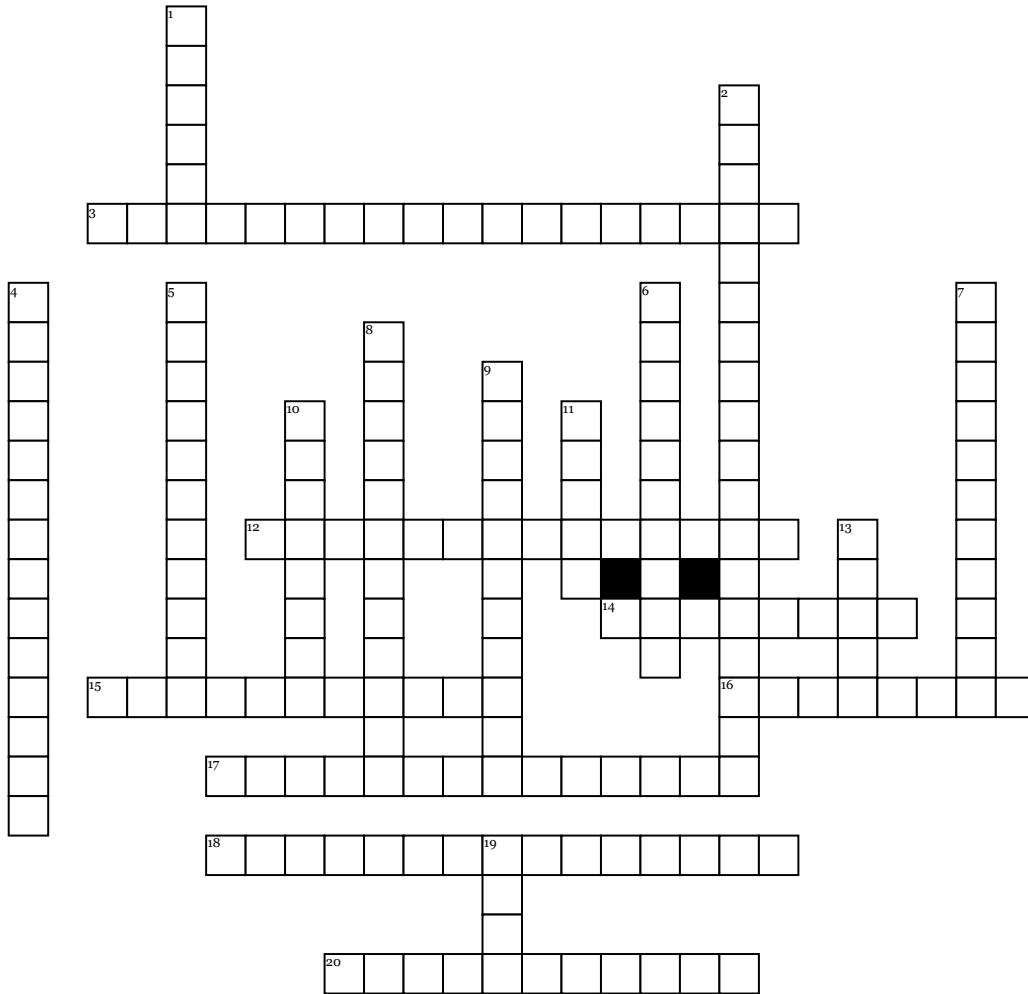Name: _____ Date: _____ Period: _____

Math Flocabulary

Across

3. in any right triangle, the sum of the squares of the lengths of the legs is equal to the square of the length of the hypotenuse

12. an equation where all of its solutions lie on a line

14. the conceptual operation of turning a system around an axis

15. a graph that displays two sets of data as ordered pairs

16. a whole number; a number that is not a fraction.

17. To change the position of a shape on a coordinate plan

18. a plane spanned by the x-axis and y-axis in which the coordinates of a point are its distances from two intersecting perpendicular axes

20. A line that cuts across two or more (usually parallel) lines. transversal

Down

1. A value of the dependent variable.

2. the first function is greater than or equal to 1 and less than 10, and the second factor is a power of 10

4. any number written as a quotient of two integers where the denominator is not zero

5. the sum of the areas of its surface

6. the conceptual operation of inverting a system or event with respect to a plane, each element being transferred perpendicularly through the plane to a point the same distance the other side of it.

7. A pair of numbers that gives the coordinates of a point on a grid in this order

8. the x and y-coordinates of the point where a line crosses the x or y-axis.

9. A scale is a ratio that compares a length in a scale drawing to the corresponding length in the actual object

10. an element, feature, or factor that is liable to vary or change

11. A value of the independent variable. (The number you put in to get the output.)

13. the slant of a line that describes steepness.

19. a fixed reference line for the measurement of coordinates.

Word Bank

Linear equation	X-Y Intercepts	rotation	ordered pair
Scatter plot	Rational number	coordinate plane	transformation
Pythagorean Theorem	input	Surface area	axis
output	Reflection	Scientific notation	transversal
variable	scale factor	Slope	integers