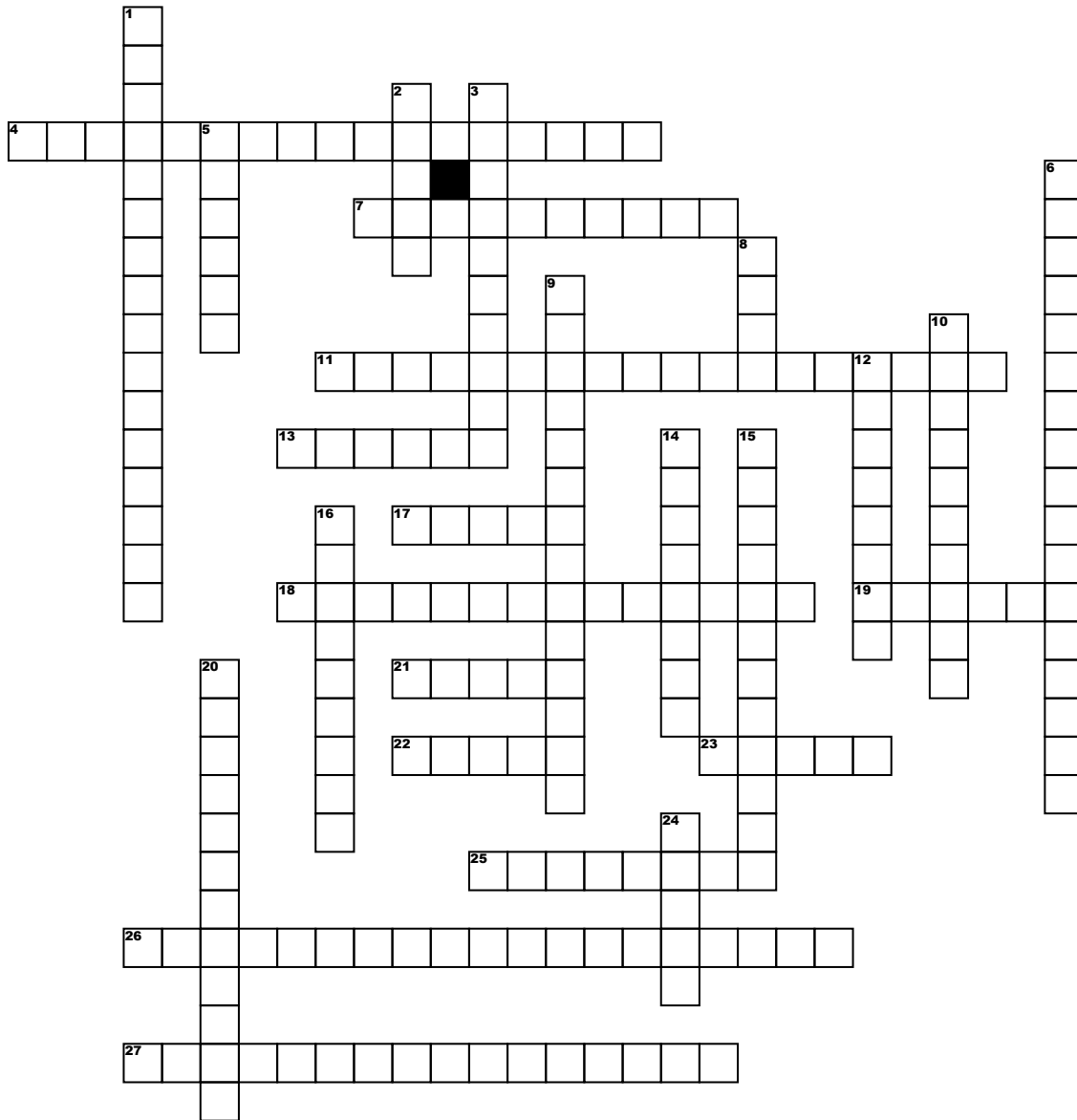


Name: _____

Date: _____

Period: _____

Math vocab#2



Across

4. a variable whose value depends upon an independent variables

7. - the x coordinate of a point where a line, curve, or surface intersects the x-axis

11. the way of writing the the equation of a line slope and y-intercept are immediately apparent

13. the dependant variable

17. a line in a plane containing the x axis and the y axis is generally represented by the letter m and is defined as the change in the y coordinate between two distinct points on the line

18. any function that graphs to a straight line

19. on the flat coordinate plane, there are two axes ,the origin is the point where they intersect

21. - a function is any relationship between inputs and outputs ln which each input leads to exactly one output , the independent variable

22. the quantitative relationship between two amounts showing the number of times one value

23. the difference between the highest and lowest values

25. - a comparison of two different quantities when they are combined together

26. a variable that represents a quantity that is being manipulated in an experiment

27. a visual way to determine if a curve is a graph of a function or not

Down

1. a relationship between two variables in which one is a constant multiple of the other . I'm particular, when one variable changes the other changes in proportion to the first

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

3. When the equation is written as $(y=mx+b)$ the slope is the number "m" that is multiplied on the x , and "b" is the y- intercept, where the line crosses over the y-axis

5. the set of inputs which the function is defined

6. - a function that is not a linear function

8. mathematical method of performing a calculation or solving a problem

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

10. a name we give to a statement where two ratios are equal

12. the relationship between any set of inputs and permissible outputs

14. a collection of ordered pairs

15. a ratio between a change in one variable relative to a corresponding change in another

16. cost per liter, kilogram, pound, etc. Divide the cost by quantity

20. to be able to write the equation a line in standard form, the standard form of a line is in the form $(ax+by=c)$ where A is a positive integer ,and B, and C, are integers

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