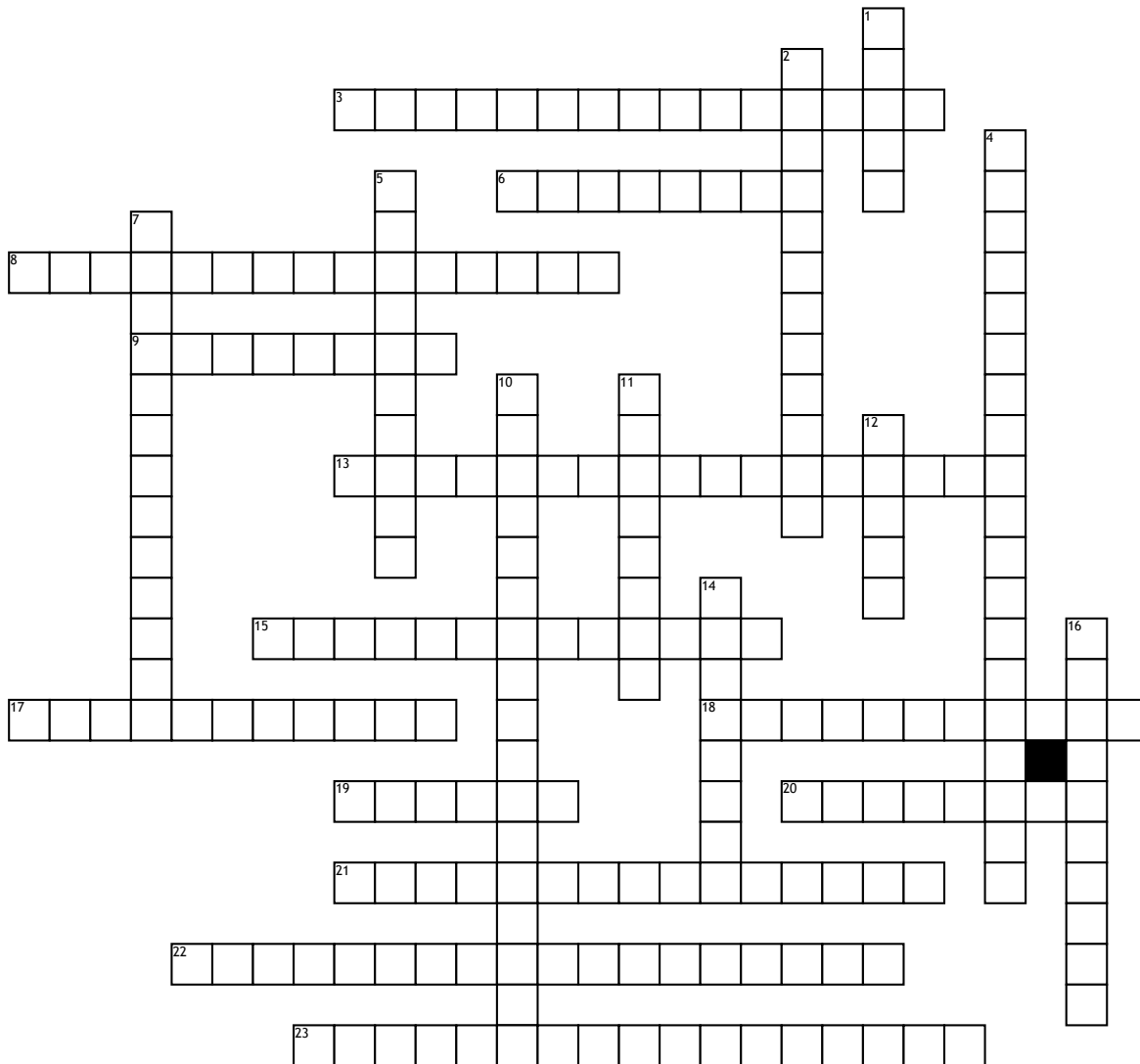


Name: _____

Date: _____

vocab



Across

3. A relationship between two numbers in which an increase in the value of one number results in a decrease in the value of the other number.

6. A _____ is a mapping, or pairing, of input values with output values

8. any value of a x for which $f(x)=0$

9. lines which do not intersect and have the same slope

13. the output values in a function (usually y)

15. describes the distance of a number on the number line from 0 without considering which direction from zero the number lies.

17. the strength of a relationship between two data sets

18. the numerical factor in term

19. the set of all inputs in a relation

20. a symbol, usually a letter, that represents one or more numbers

21. any number of the form $a+bi$

22. A _____ contains at least two inequalities that are separated by either "and" or "or".

23. the equation of a straight line in the form $y = mx + b$ where m is the slope of the line and b is its y -intercept

Down

1. ratio of vertical change to horizontal change in a non-vertical line

2. the _____ of a linear equation is $Ax+By=C$ where A and B are not both zero

4. the input values of a function (usually x)

5. where the line crosses the y -axis.

7. is a number that can be expressed in the form $a + bi$

10. is a shorthand, or shortcut, method of polynomial division in the special case of dividing by a linear factor

11. A polynomial of two terms

12. is just the difference between the largest and smallest values.

14. A relation is a _____ provided there is exactly one output for each input

16. is a point on the graph where y is zero