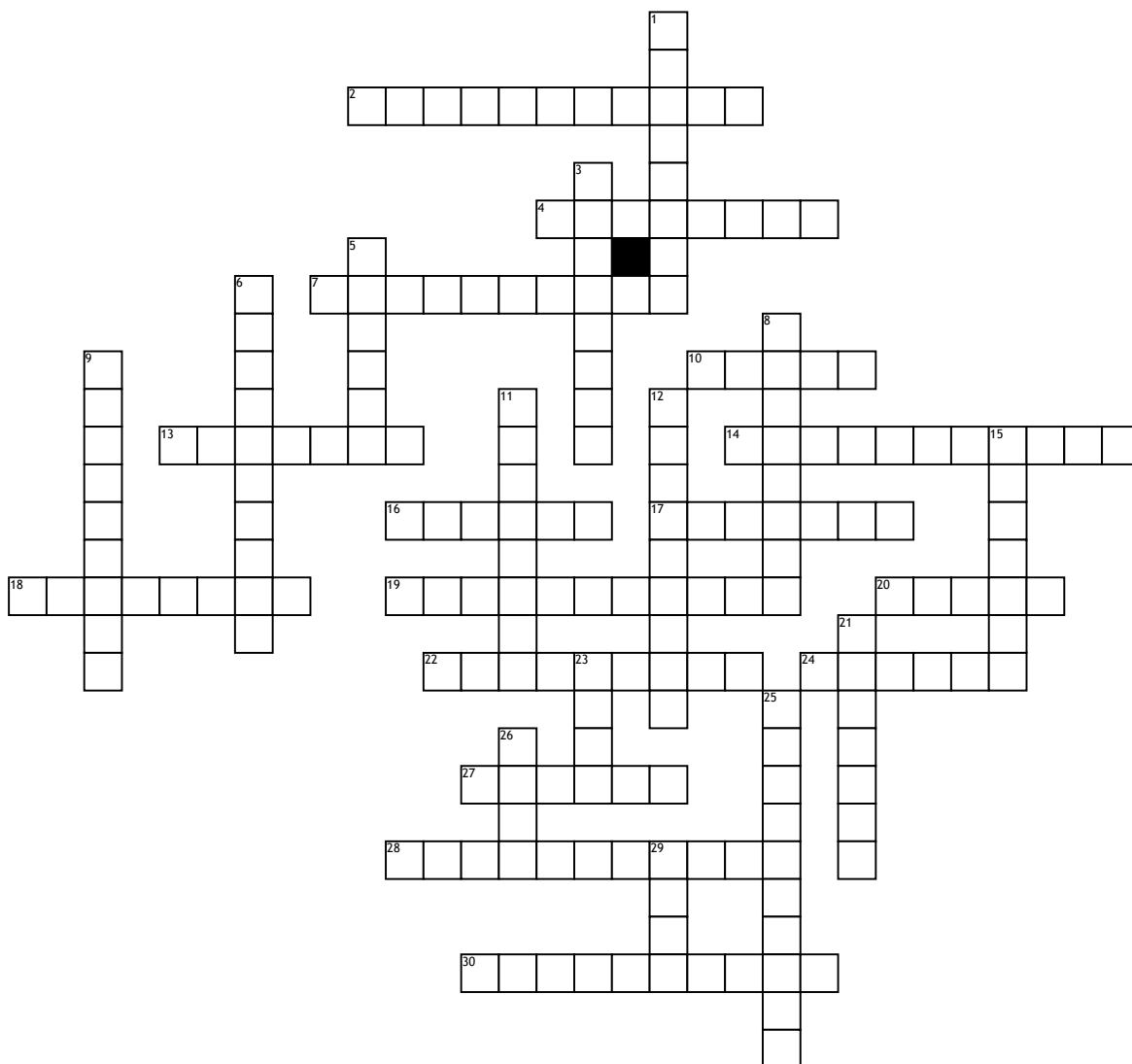


Name: _____

Date: _____

Algebra 1 Final Exam - Vocabulary Crossword Puzzle



Across

2. A graph that shows the relationship between two sets of data
4. A number that can be expressed as a fraction or ratio
7. The mirror image of a function or the result of flipping a function over a line
10. These frequencies are entries in the body of the table
13. A value that is much smaller or much larger than the other values in a data set
14. A number used to multiply a variable; a number in front of a variable
16. All possible x values, or inputs, for a function
17. Statistically, the largest value; graphically, the highest point
18. Frequencies found in the total row and total column
19. A function where the independent variable is in the exponent

20. All possible y values, or outputs, for a function; statistically, the difference between the largest and smallest values

22. An equation where the highest exponent of the variable is 2

24. A function that makes a straight line when graphed

27. In a parabola, this is the turning point and the point that the axis of symmetry goes through

28. A slide of a function, either horizontally, vertically, or both

30. A sequence made by adding the same value each time

Down

1. A value we can put in place of a variable (such as x) that makes the equation true

3. A symbol for a number we don't know yet; it is usually a letter like x or y

5. The largest exponent of a variable in a given equation or expression

6. A number that cannot be expressed as a fraction or ratio; include non-perfect squares and non-repeating/non-terminating decimals

8. A polynomial with two terms

9. A sequence made by multiplying by some value each time

11. A special curve, shaped like an arch; the shape of a quadratic function

12. A line that a curve approaches, but never touches, as it heads towards infinity

15. A whole number with no fractional part; can be positive, negative, or zero

21. Statistically, the smallest value; graphically, the lowest point

23. Where a function equals zero; another name for a solution of a quadratic function

25. An expression that can have constants, variables and exponents, that can be combined using addition, subtraction, multiplication and division; when classifying, it has more than three terms

26. The average of the numbers

29. Either a single number or variable, or numbers and variables multiplied together; they are separated by addition and/or subtraction