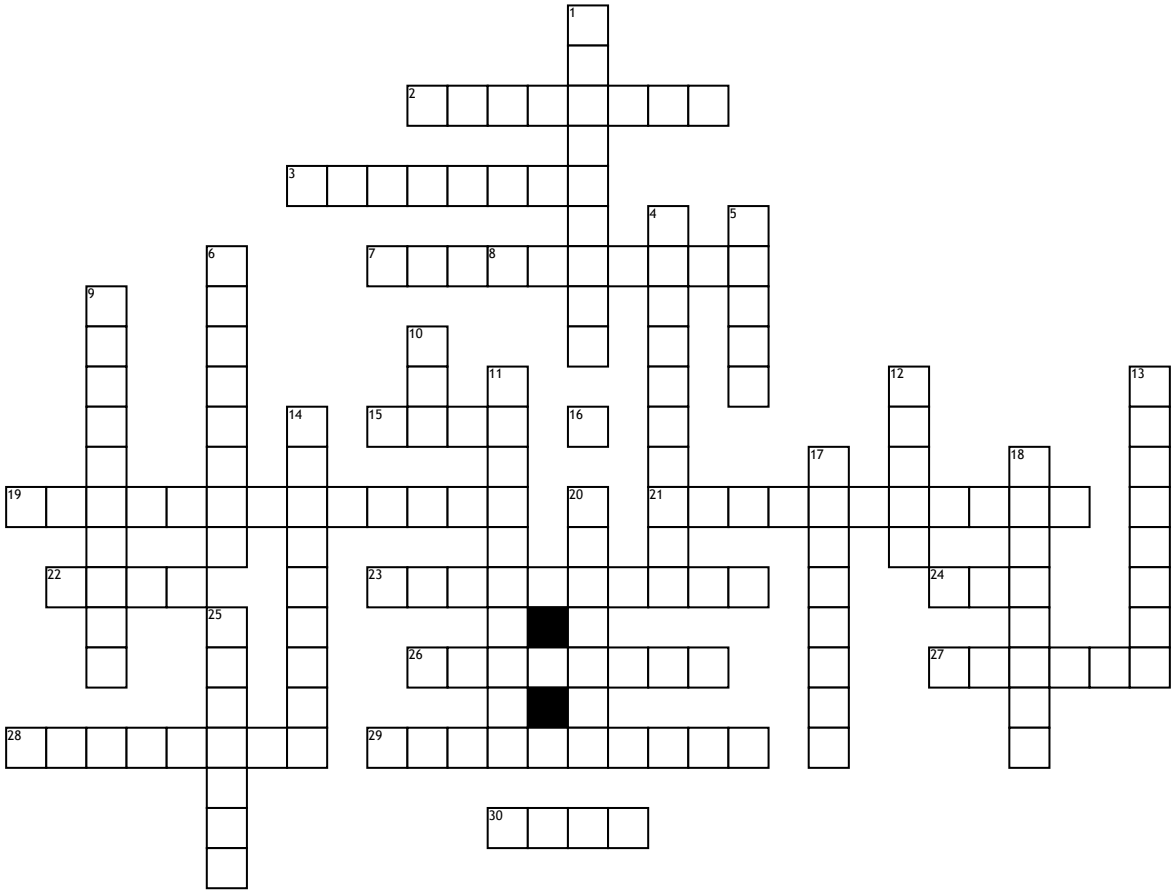
Name: _____

"Math is fun!" Crossword Puzzle for 7-2



Across

2. The graph of a the line x = 2 is a vertical line _ _ _ _ _ _ _ to the x-axis.

3. An algebraic expression that is the short representation of a repeated multiplication of a number.

7. An algebraic expression that is either a monomial or a sum or difference of several monomials.

15. If a*b = 0, then either a = 0 or b = 0 is called _ _ _ _ product property.

19. If the slope of a line is the negative-reciprocal of the slope of another line then the lines are _ _ _ _ _ _ _ _ _ _ _

21. The Addition Method for solving a system of equations is also called _ _ _ _ _ _ _ _ _ _ _ method.

22. The slope of a horizontal line equals to _ _ _ _

23. The graph of the line y = -3 is a _ _ _ _ _ _ _ _ _ _ line parallel to the y-axis.

24. We need a system with two linear equations to find the values of _ _ _ variables that make each equation true.

26. To _ _ _ _ _ _ _ _ an equation is to find all values of its variable(s) that make it a true equality.

27. Point on a graph located at (0, 0)

28. The slope of a _ _ _ _ _ _ _ _ line is undefined.

29. In math we use _ _ _ _ _ _ _ _ _ _ notation to write very small or very large numbers.

30. Zero to the power of four equals to _ _ _ _

Down

1. The values of a variable that make an equation true.

4. A point of a line with y-coordinate which equals to zero

5. In the equation y = mx + b, m is called _ _ _ _ _ of the line.

6. The slope of the line is calculated by _ _ _ _ _ _ _ _ _ the vertical change in y by the horizontal change in x of any two points on the line.

8. We call ordinate the _ - coordinate of a point.

9. A point where a line crosses the y-axis is called _ _ _ _ _ _ _ _ _ _

10. Any number to the power of zero equals to _ _ _

11. Two perpendicular number lines (axes) that intersect at zero is called a _ _ _ _ _ _ _ _ _ _ plane.

12. Parallel lines have _ _ _ _ _ slopes.

13. Two algebraic equations connected with an equal sign.

14. An algebraic expression with three terms.

16. We call abscissa the _- coordinate of a point

17. An algebraic equation with two terms.

18. An algebraic expression with one term that is a real number, a variable, or any product of real numbers and variables.

20. In motion word problems, the distance traveled by the object is the _ _ _ _ _ _ _ of its rate (speed) and time of the trip.

25. Square of Sum, Square of Difference and Difference of Squares are called _ _ _ _ _ _ _ products formulas.

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