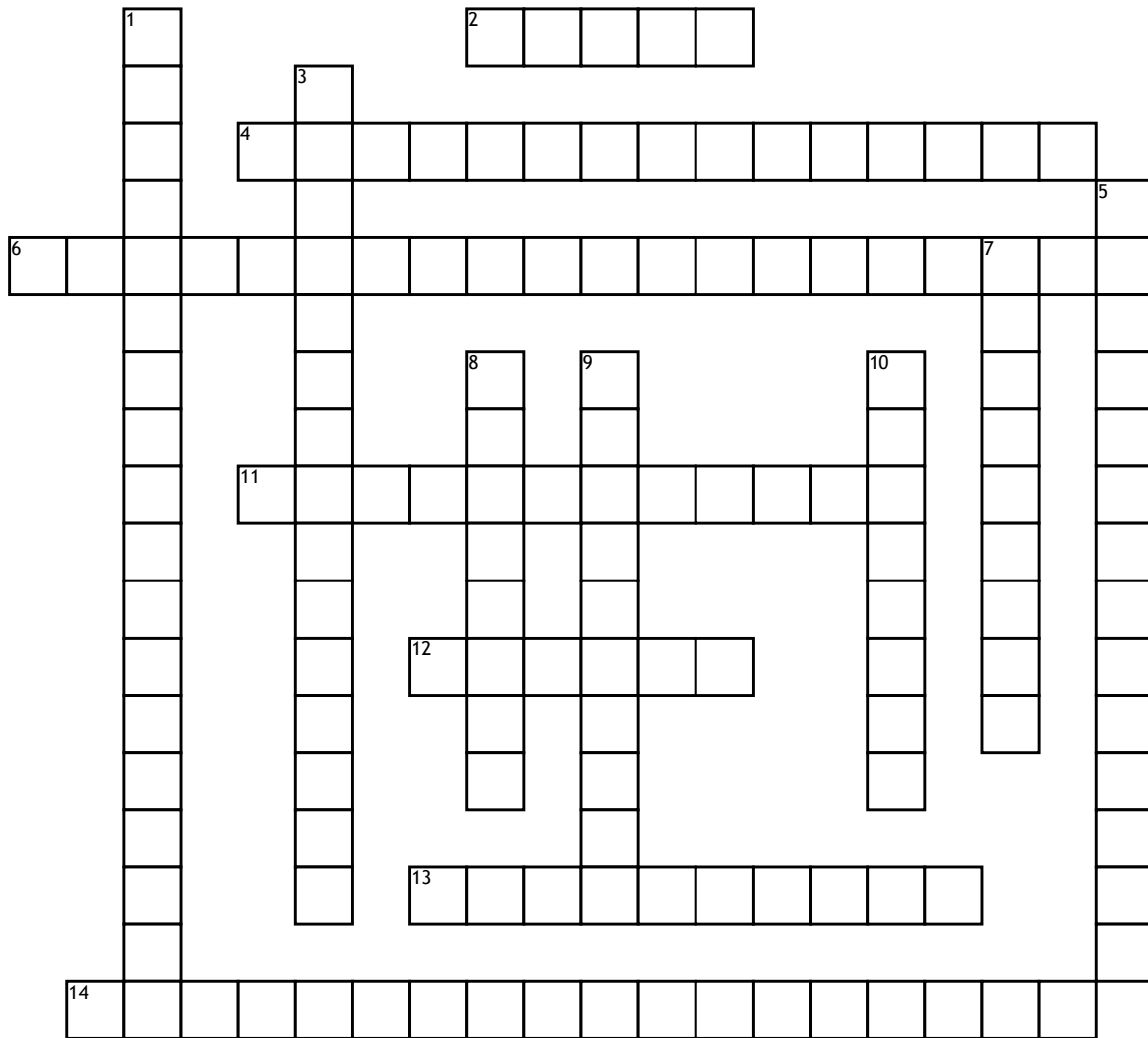


Math Project



Across

- 2. a measure of the steepness of a line. If (x_1, y_1) and (x_2, y_2) are any two points on the line, the slope of the line, known as m , is represented by the equation $m = \frac{y_2 - y_1}{x_2 - x_1}$.
- 4. for the function f , any number x such that $f(x) = 0$.
- 6. the product of the greatest integer and the greatest power of each variable that divide evenly into each term.

- 11. the intersection of two sets is the set of all elements that are common to both sets, denoted by n .
- 12. the set of all possible input values of a relation or function.
- 13. a monomial or a sum or difference of monomials.
- 14. a system of equations or inequalities that has no solution.

Down

- 1. a representation of a number or a polynomial as a product of primes.

- 3. a system of equations that has infinitely many solutions.
- 5. a change in the position, size, or shape of a figure or graph.
- 7. a polynomial with three terms.
- 8. the shape of the graph of a quadratic function.
- 9. a statement that compares two expressions by using one of the following signs: $<$, $>$, $<=$, $>=$, or $=$.
- 10. a relation in which every input is paired with exactly one output.