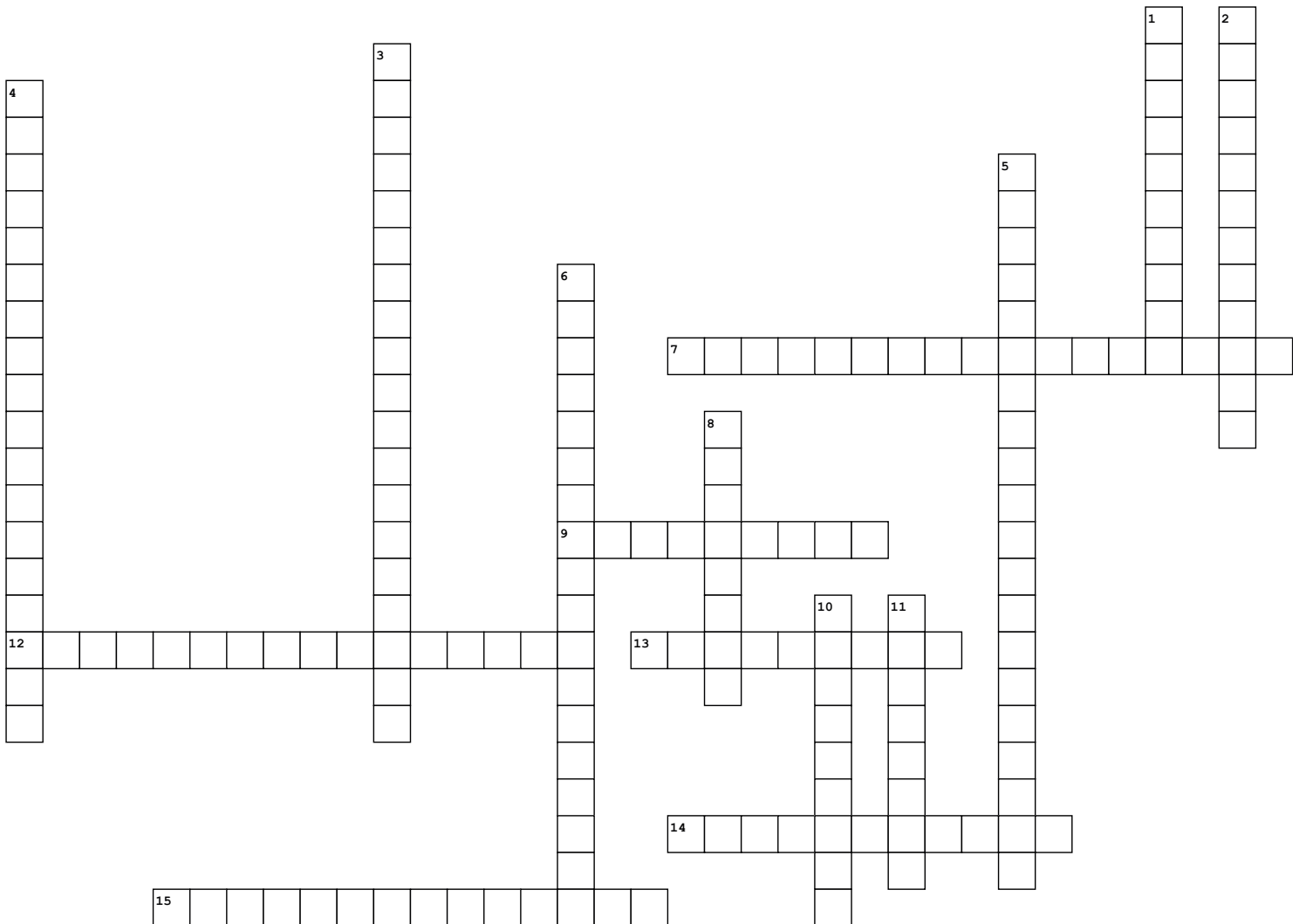# Algebra 2 Vocab

Across

7. The roots of a quadratic equation are the values of the variable that satisfy the equation.

9. Consisting of three terms

12. The product of a real number and the imaginary unit i

13. Involving the second and no higher power of an unknown quantity or variable.

14. A mathematical technique that determines the number of possible arrangements in a collection of items where the order of the selection does not matter

15. The numbers that are expressed in the form of a+ib where, a,b are real numbers and 'i' is an imaginary number

Down

1. Root of a number is defined as the value, which gives the number when it is multiplied by itself. The radical symbol √ is used to indicate the square root

2. A mathematical calculation of the number of ways a particular set can be arranged

3. A method used to solve a quadratic equation

4. A fraction in which the numerator and or denominator are polynomial

5. The greatest common divisor of two or more integers, which are not all zero, is the largest positive integer that divides each of the integers.

6. A sequence of numbers such that the difference from any succeeding term to its preceding term remains constant throughout the sequence

8. Consisting of one term

10. Separating a polynomial back into a product

11. Expression of the sum or the difference of two terms