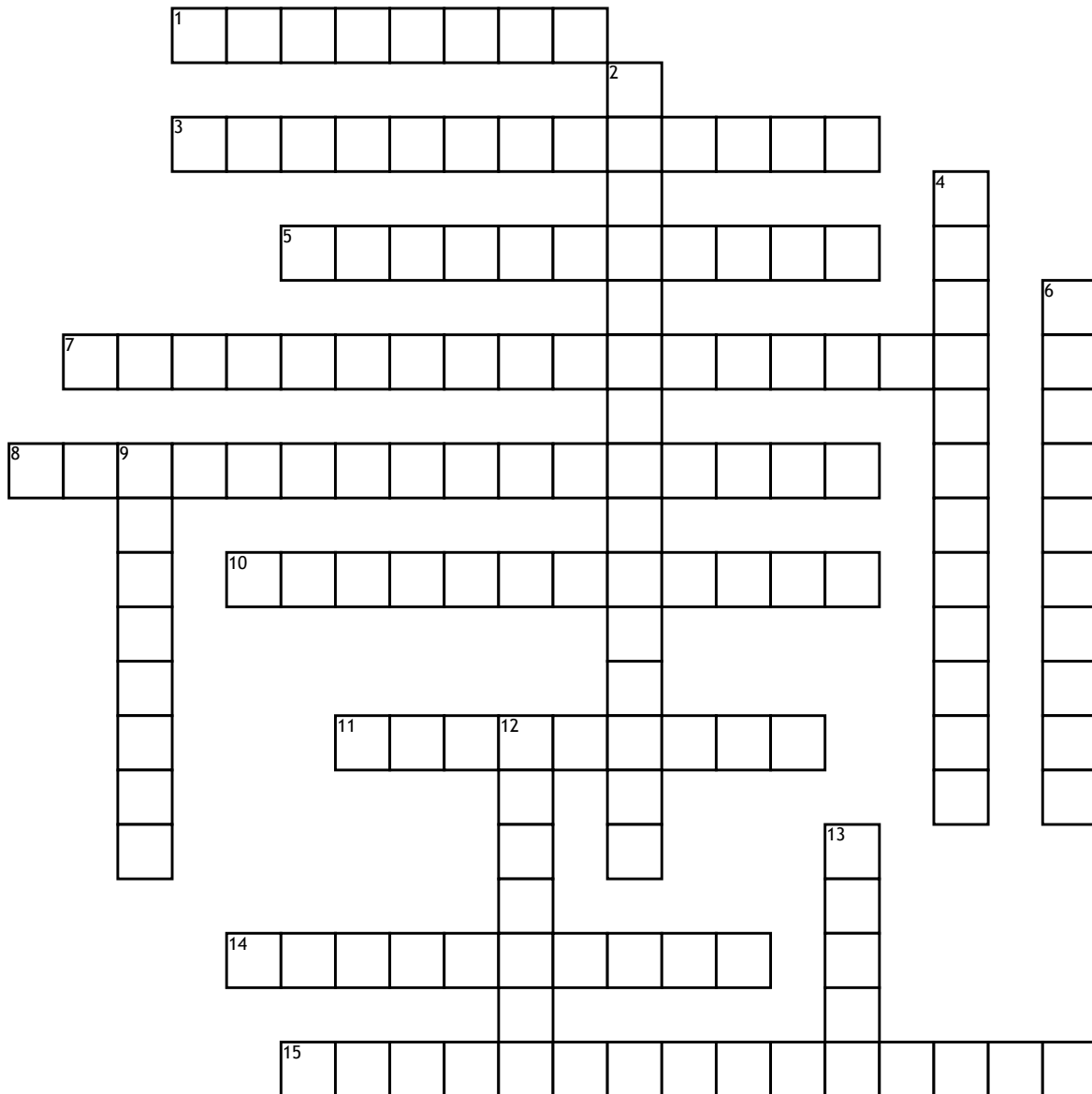


# Algebra2



## Across

1. a statement that the values of two mathematical expressions are equal (indicated by the sign =).
3. In algebra, is a theorem linking factors and zeros of a polynomial.
5. Every function can be drawn as a basic graph or 'picture'.
7. is a shorthand, or shortcut, method of polynomial division in the special case of dividing by a linear factor -- and it only works in this case.

8. The states that when a polynomial,  $f(x)$ , is divided by a linear polynomial,  $x - a$ , the remainder of that division will be equivalent to  $f(a)$ .
10. In mathematics, the of a member of a multiset is the number of times it appears in the multiset.
11. math equation that has three terms which are connected by plus or minus notations.
14. an expression of more than two algebraic terms.
15. the highest amount, value, or degree attained or recorded.

## Down

2. The lowest point in a particular section of a graph.
4. a point at which a decisive change takes place; critical point; crisis.
6. The of cubes is said to be the sum of the three-times products of a given expression (or variable or constant) by itself.
9. In mathematics, a is, roughly speaking, a polynomial which has only one term.
12. where is the degree of the root.
13. The of a number says how many times to use the number in a multiplication.