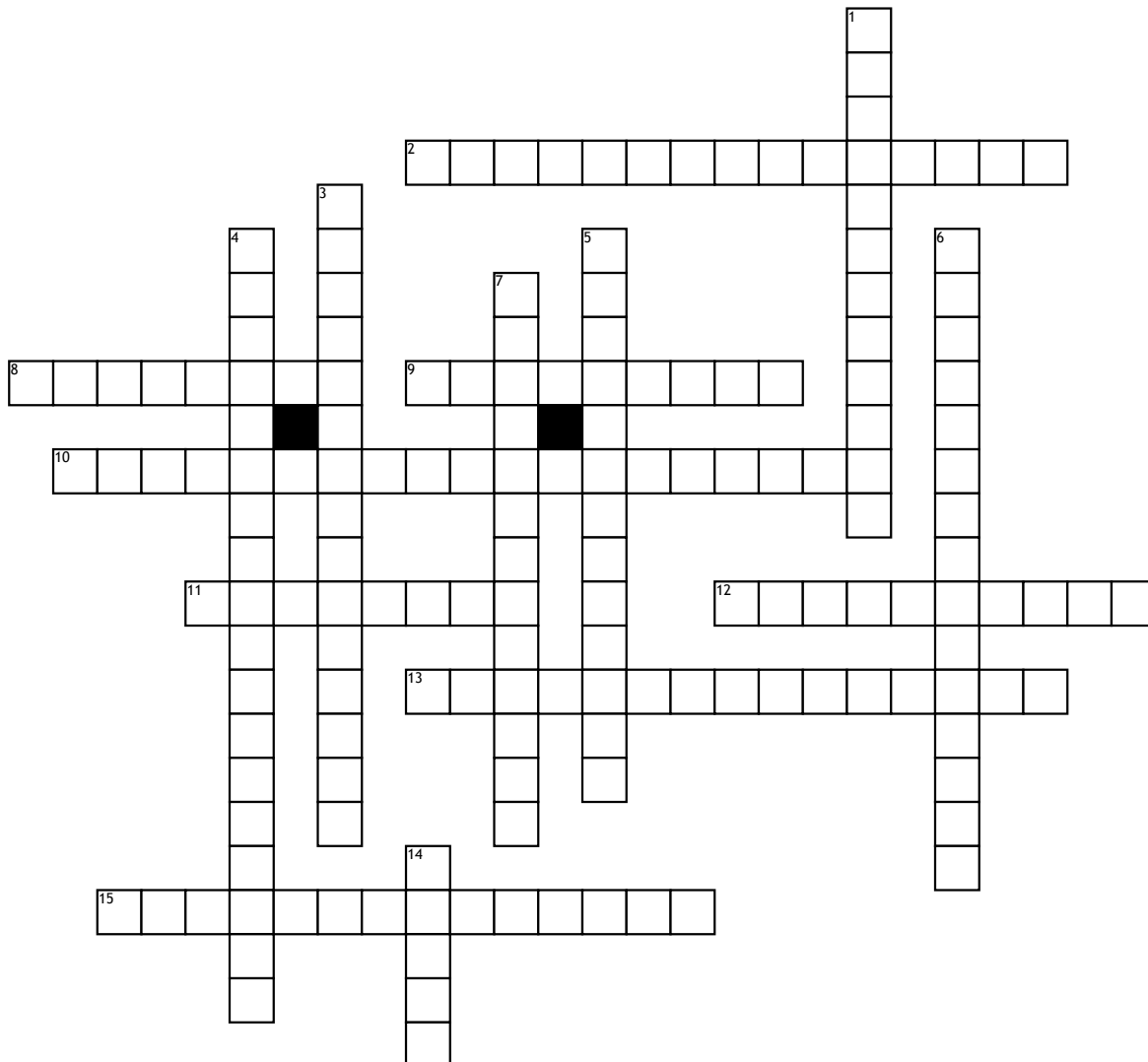


Review Puzzle



Across

2. When an expression is in the form $y = \log_x$ (base b)
8. A rule that pairs each element in one set with exactly one element from a second set
9. A logarithm with a base of 10
10. Any function that can be written in the form $f(x) = b^x$, where b is a positive real number other than 1
11. A rule that pairs each element in one set with one or more elements from a second set

12. A logarithm with a base of e

13. The quotient of two fractions or two rational expressions

15. Any number that can be expressed as the ratio of two integers

Down

1. The expression $b^2 - 4ac$

3. When an expression is in the form $x = b^y$

4. Any expression that can be written as the ratio of two polynomials

5. Distance from zero on the number line

6. Two radicals that have the same index and the same radicand

7. Any number that can be put in the form $a + bi$, where a and b are real numbers

14. Ratio of vertical change to horizontal change when moving from one point to another on a line