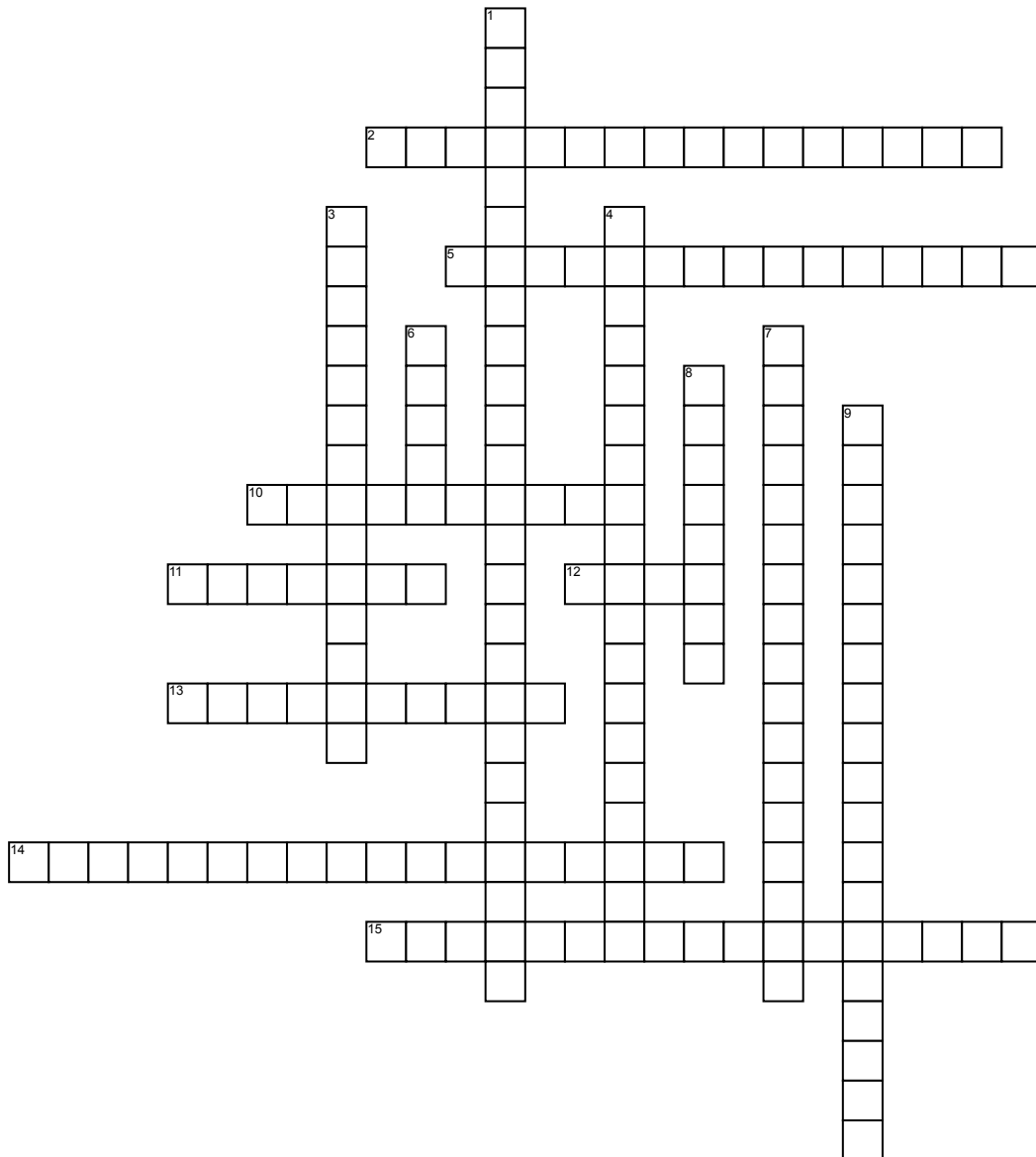


Math Crossword Puzzle



Across

2. when a quantity decreases by the same factor over equal intervals of time.

5. the value of n in the radical

10. A number is a value that, when multiplied by itself, gives the number.

11. the expression

12. The number that gets multiplied when using an exponent 8 to the power of 2.

13. For an integer n greater than 1, if $b = a^n$, then b is the n th root of a .

14. is a mathematical expression used to represent a decimal number between 1 and 10 multiplied by ten, so you can write large numbers using less digits.

15. When a quantity increases by the same factor over equal intervals of time.

Down

1. A function of the form $y = a(1+r)^t$, where $a > 0$ and $r > 0$.

3. the most basic function in a family of functions

4. a nonlinear function of the form $y = ab^x$, where $a = 0$, $b = 1$, $b > 0$.

6. Says how many times to use the number in a multiplication. It is written as a small number to the right and above the base number.

7. The variable that represents the output values of a function.

8. How many times to use that number in multiplication. It is written as a small number to the right and above the base number.

9. the variable that represents the input values of a function.