Positive counting numbers ( $1,2,3,4, \ldots$ ) are called natural numbers.
If you add the number 0 to the natural numbers, you get the whole numbers $(0,1,2,3, \ldots)$.
Integers include 0, the natural numbers, and the opposites of the natural numbers: (..., $-3,-2,-1,0,1,2,3, \ldots)$.

Numbers that can be written as fractions $a / b$, where $a$ is an integer and $b$ is a natural number, are called rational numbers. This includes all terminating and repeating decimals, as well as, fractions. Natural numbers, whole numbers, and integers are all rational.

## Real Numbers



