Positive counting numbers (1, 2, 3, 4, ...) are called **natural numbers**.

If you add the number 0 to the natural numbers, you get the **whole numbers** (0, 1, 2, 3, ...).

**Integers** include 0, the natural numbers, and the opposites of the natural numbers: (..., -3, -2, -1, 0, 1, 2, 3, ...).

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 <u>decimals</u>, as well as, <u>fractions</u>. Natural numbers, whole numbers, and integers are all rational.



## **Real Numbers**