



Integers

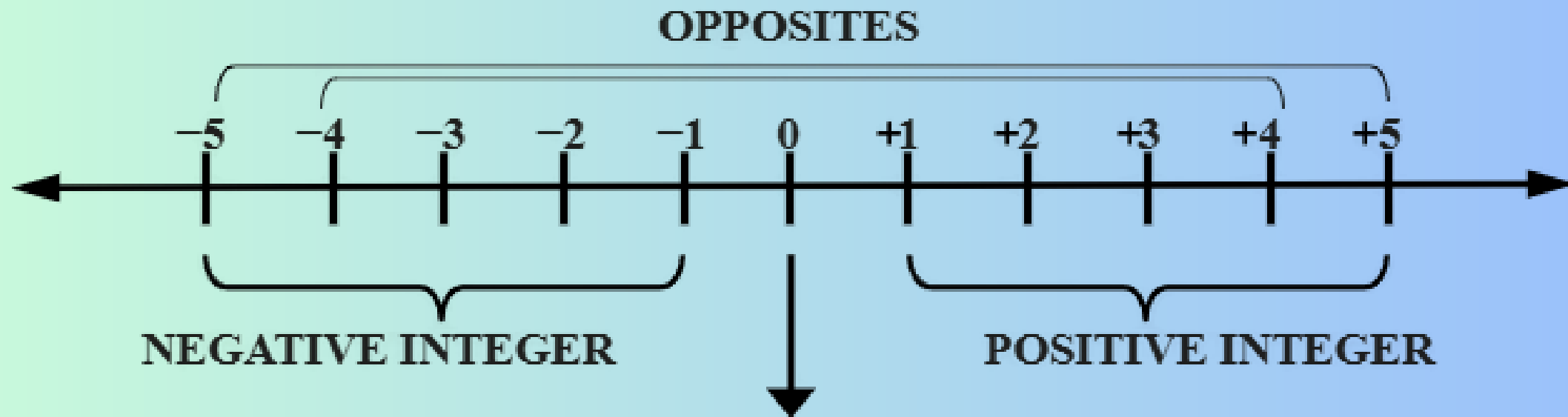
What is an integer?

Integers include all natural numbers (also called counting numbers), their **negative, opposites, additive inverses**, and **the number zero**.

Importantly, integers do not include fractions or decimals.

For example, numbers like $\frac{1}{2}$ and 0.420 are **not integers**.

Let's take a look at the **number line**



0 is not negative or positive

On the number line, **opposite** are numbers that are the same distance from 0 but are located on opposite sides of it.

According to the **additive inverse** property, if you add a number to its opposite, the result will always be 0.

Example: $-1 + 1 = 0$ $-3 + 3 = 0$ $-5 + 5 = 0$