

CHAPTER 01

Rational Numbers

Whole numbers:

If '0' is included in the set of natural numbers, then the obtained set is called set of whole numbers.

It is represented by W.

$$W = \{0, 1, 2, 3, \dots\}$$

Set properties of whole numbers:

- Since, whole numbers are starting from '0' so the smallest whole number is '0' and the largest whole number is undefined. i.e., there is no last or greatest whole number.
- All natural numbers are whole numbers.
- Not all whole numbers are natural numbers.
- There are infinitely many or uncountable whole number of whole numbers.