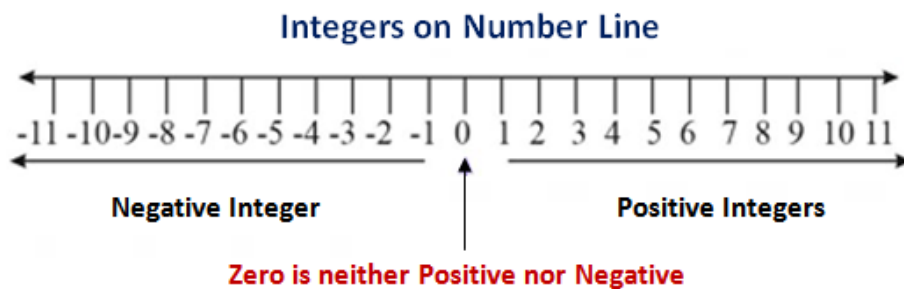


Integers on Number Line

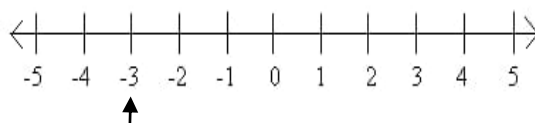
- ⇒ To represent integers on number line, we have to follow some basic rules:
- Step 1: Draw a line and mark some points each at equal distance.
 - Step 2: Mark a point on it.
 - Step 3: Points to the right of 0 are positive integers. Mark them as: +1,+2,+3,+4 etc.
 - Step 4: Points to the left of 0 are negative integers. Mark them as: -1, -2, -3, -4, etc.



⇒ **Let us understand with some examples:**

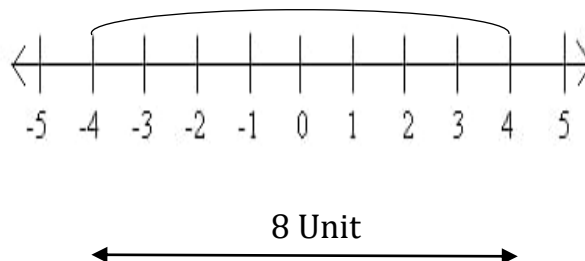
Example: Represent -3 on number line.

Solution:



⇒ **Example:** Find the distance between -4 and 4 on the number line.

Solution:



⇒ Ordering of Integers :

Integers are a set of numbers which includes zero, positive natural numbers, and their negatives. Ordering of integers involves arranging these numbers either in ascending or descending order.

Rules for Ordering Integers :

a) Ascending Order:

When arranging integers in ascending order, we start from the smallest (most negative) integer and move towards the largest (most positive) integer.

Example: -4, -2, 0, 2, 5

b) Descending Order:

When arranging integers in descending order, we start from the largest (most positive) integer and move towards the smallest (most negative) integer.

Example: 5, 2, 0, -2, -4