

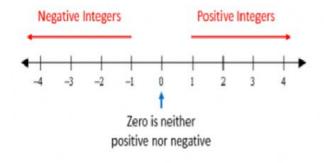
What are integers?

Whole numbers are the numbers starting from 0 that do not include fractions or decimals.

But what happens when we want to refer to whole numbers that are less than zero? They are referred to as Integers.

Integers are the set of numbers that include all whole numbers, zero and their opposites.

Integer Number Line



What is an Integer?

Integers are a set of numbers that includes:

- Whole Numbers
- Positive Numbers
- Negative Numbers



- INCLUDE 0.★ They are sometimes written with a positive sign (+).
 - If a number has no sign, it is always positive.

→ Whole numbers greater than 0 are

called positive integers. DO NOT

List the positive integers between 10 and 20:

Negative Integers

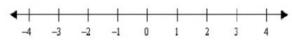
- Whole numbers <u>less than 0</u> are called <u>negative integers</u>. DO NOT INCLUDE 0.
- Negative numbers are always written with a negative sign (-) to show that they are negative.

Circle all the negative integers:

13, -8, -22, 0, 4, 5, -9, -3245, 13

More Facts about Integers

The set of negative and positive integers (with 0) can be shown on a number line as follows:



NOTE: Each positive number has an opposite negative number.

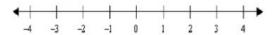
Increase and Decrease

You already know that <u>positive numbers</u> <u>increase</u> (get bigger) as you <u>move to the right</u> along the line and they <u>decrease</u> (get smaller) as you <u>move to the left</u> along the line

As you move left of 0, the numbers get smaller and smaller.

Positive Integers

Resource: Bahamas Primary Mathematics Book 6



- -1 means 1 less than 0
- -2 means 2 less than 0 and so on

What does -18 mean?

You can use a number line to help you sort integers in order of size.