

Introduction to Integers

Integers Definition:

Integers are all of the whole numbers and their opposites. They are either **positive**, **negative**, or **zero**.

Example:-

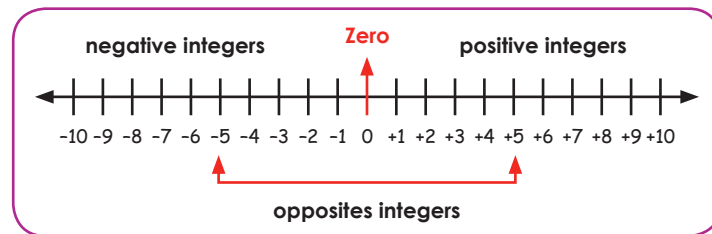
John earned \$ 15 selling old newspapers.
He spent \$ 4.

You can write these numbers as integers.

Earned \$ 15 as +15

Spent \$ 4 as -4

Integers can be shown on a number line.



Positive (+) integers are to the right of 0. They are **greater than 0**.

Negative (-) integers are to the left of 0. They are **less than 0**.

Zero is neither a positive integer nor a negative integer.

Every integer has an opposite **+5** and **-5** are opposites.

The opposite of **0** is **0**.

Write each as an integer.

i. a loss of \$ 14

-14

v. \$ 18 profit

ii. 6 floors up

vi. 4 meters forward

iii. 5 degrees hotter

vii. spent \$ 40

iv. a gain of 3 kg

viii. earned \$75
