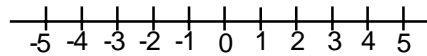




Math Study Strategies

Basic Concepts of Signed Numbers



Numbers located on the right side of zero on the number line are called **positive numbers**.

Example:

2, 6.7, 50, 78.957

Numbers located on the left side of zero on the number line are **negative numbers**.

Example:

-3, -4.56, -99, -103.7

Numbers having the same distance from zero but opposite direction (sign) are called **opposite numbers**.

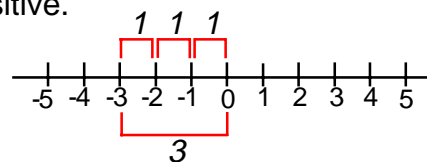
Example:

-2 and 2, -17.7 and 17.7, -45 and 45

The distance between a number and zero on the number line is called **absolute value**. Distance must be positive.

Example:

distance between 0 and -3 is 3



All positive whole numbers, all negative whole numbers, and zero are called **integers**.

Example:

-3, 27, 0 are all integers

-3.56, 5.74, and 78.5 are not integers since they are not whole

A set of numbers containing both positive and negative numbers is a set of **signed numbers**

Example:

{-2, 0, 3, -4.5} is a set of signed numbers

{-9.08, -3.56, 7} is a set of signed numbers

For more information about this and other math topics, come to the Math Lab 722-6300 x 6232. Caproiti & Hall, 2000. Created by Varaz and Vasag Bozoghlianian.

