

Number classification

Natural Numbers- 1,2,3--- counting numbers without a 0.

Whole numbers- 0,1,2,3-- counting numbers with a 0

Integers- -3,-2,-1,0,1,2,3 -- negative and positive whole numbers

Rational numbers- A ratio of 2 integers, that when changed to a decimal are either

repeating or terminating.

Example:

repeating decimals $1/3 = .333$

terminating decimals $1/2 = .5$

Irrational numbers- Are numbers that can not be expressed as a ratio of whole

numbers, nor can be expressed as terminating or repeating.

Example:

Non repeating or non terminating Square root of 7

= 2.6457513

Real numbers - rational or irrational numbers