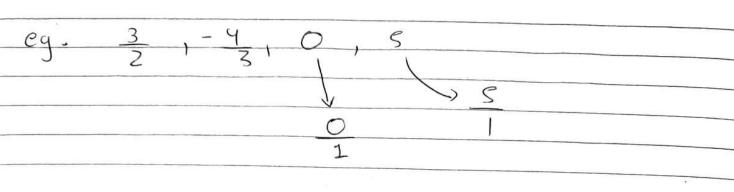
## F-S-1 Tumber Systems => Natural Numbers : All counting numbers are called natural numbers 6 1, 2, 3, 4 ... 4 => Whole Numbers: Natural numbers along with O form the collection of whole 0, 1, 2, 3 . - . 4 Every natural number is a whole number but every whole number is not natural number. As O -> whole number but not natural no. => Integers: The natural numbers, zero and negative of all natural numbers form the collection of all integers. -- . - 3 - 2 - 1 0 1 , 2 , 3 , . . . . . . . . . .

=> Rational Numbers: The numbers which can be expressed in the form of P, where p and q ore integers and q #0.

DOM5



1 = 2 = 3 = 4 are ralled

5 10 15 20 equivalent rational
numbers

=7 Writing Rational Number between two given

(i) A rational number between two rational number a and b is ath

(ii) Then find rational numbers between a and ath

ie. a f (a+b)

(2) and so on...

(iii) Make fractions equivalent and find required rational numbers between them.

=> Decimal Expansion of a rational number is either terminating or non-terminating

Terminating and Non-Terminating, repeating are Rational Numbers