



Basics -Rational Numbers

Match the following

Natural numbers	$1/3, -2/5, 3/-7, 20/5$
$\dots -2, -1, 0, \dots$	$0, 1, 2, 3, 4, 5 \dots$
Whole Numbers	$1, 2, 3, 4, 5 \dots$
Rational Numbers	Integers

1. Choose all the correct options:

A number is said to be a rational number, if

- All the numbers are in p/q form
- p and q are integers
- q cannot be zero

2. A number is said to be an irrational number, if it _____ be written in the p/q form.

3. State whether the following statement is true or false:

- $0/1$ is a rational number.
- Every rational number is an integer.
- Every integer is a whole number.
- A whole number is also an integer.
- 0 (zero) is not rational number.
- All whole numbers and negative combine to form integers.
- Every natural number is a rational number.