



Basics -Rational Numbers

Match the following

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

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:*

(a) $0/1$ is a rational number.

(b) Every rational number is an integer.

(c) Every integer is a whole number.

(d) A whole number is also an integer.

(e) 0 (zero) is not rational number.

(f) All whole numbers and negative combine to form integers.

(g) Every natural number is a rational number.