Exercise 4A

Q1

Answer :

The numbers that are in the form of $\frac{p}{q}$, where p and q are integers and q ≠0, are called rational numbers.

For example:

Five positive rational numbers:

$\frac{5}{7}, \frac{-3}{-4}, \frac{7}{8}, \frac{-14}{-15}, \frac{5}{9}$

Five negative rational numbers:

$\frac{-3}{7}, \frac{-3}{8}, \frac{8}{-9}, \frac{-19}{25}, \frac{8}{-25}$

Yes, there is a rational number that is neither positive nor negative, i.e. zero (0).

Q3

Answer :

(i) $\frac{8}{19}$
Numerator = 8
Denominator =19

(ii) $\frac{5}{-8}$
Numerator = 5
Denominator = −8

(iii) $\frac{-13}{5}$

********** END **********