

Example 1: Represent $\frac{5}{3}$ and $-\frac{5}{3}$ on the Number Line.

Example-2. Are the following statements True? Give reasons for your answers with an example.

- i. Every rational number is an integer.
- ii. Every integer is a rational number
- iii. Zero is a rational number

Example-3. Find two rational numbers between 3 and 4 by mean method.

Q1 - Find any five rational numbers between 2 and 3 using mean method.

Q2 - Find any 10 rational numbers between $-\frac{3}{11}$ and $\frac{8}{11}$

Example-4. Express $\frac{7}{16}$, $\frac{10}{7}$ and $\frac{2}{3}$ in decimal form.

Example -5. Express 3.28 in the form of $\frac{p}{q}$ (where p and q are integers, $q \neq 0$).

Example-6. Express $1.\overline{62}$ in form $\frac{p}{q}$ where $q \neq 0$; p, q are integers.