## **RATIONAL NUMBERS**

## **REPRESENTATION OF RATIONAL NUMBERS ON THE NUMBER LINE**

## EXERCISE

**Q.1** Represent these numbers on the number line.

- (i)  $\frac{7}{4}$  (ii)  $\frac{-5}{6}$
- **Q.2** Represent  $\frac{-2}{11}$ ,  $\frac{-5}{11}$ ,  $\frac{-9}{11}$  on the number line.
- **Q.3** Represent  $\frac{13}{3}$  and  $-\frac{13}{3}$  on number line.
- **Q.4** Represent the rational number  $\frac{7}{4}$  on the number line.
- **Q.5** Draw the number line and represent the following rational numbers on it.

(i) 
$$\frac{3}{8}$$
 (ii)  $-\frac{5}{3}$ 

## **ANSWER KEY**

**1.** (i) 
$$\underbrace{1}_{0} \frac{1}{4} \frac{2}{4} \frac{3}{4} \frac{4}{4} \frac{5}{4} \frac{6}{4} \frac{7}{4}$$
;

2. 
$$\underbrace{\xrightarrow{-1}}_{\frac{-11}{11}\frac{-10}{11}\frac{-9}{11}\frac{-8}{11}\frac{-7}{11}\frac{-6}{11}\frac{-5}{11}\frac{-4}{11}\frac{-3}{11}\frac{-2}{11}\frac{-1}{11}\frac{-1}{11}}_{0}$$

MATHS

$$\begin{array}{c} -4\frac{1}{3} = -\frac{13}{3} \\ +\frac{1}{3} \\ +\frac{1}{3} = -\frac{13}{3} \\ +\frac{1}{3} \\$$

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