

**EXERCISE 6.2**

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**1. Represent  $\frac{2}{5}$  on a number line.**

**Solution:**

The fraction  $\frac{2}{5}$  is represented on a number line as given below:



**2. Represent  $\frac{0}{10}$ ,  $\frac{1}{10}$ ,  $\frac{5}{10}$  and  $\frac{10}{10}$  on a number line.**

**Solution:**

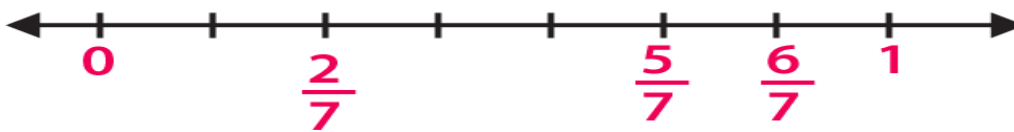
The fraction  $\frac{0}{10}$ ,  $\frac{1}{10}$ ,  $\frac{5}{10}$  and  $\frac{10}{10}$  are represented on a number line as given below:



**3. Represent  $\frac{2}{7}$ ,  $\frac{5}{7}$  and  $\frac{6}{7}$  on a number line.**

**Solution:**

The fraction  $\frac{2}{7}$ ,  $\frac{5}{7}$  and  $\frac{6}{7}$  are represented on a number line as given below:



**4. How many fractions lie between 0 and 1.**

**Solution:**

Infinite number of fractions lie between 0 and 1

This can be done by taking numerator less than denominator in a fraction.

**5. Represent  $\frac{0}{8}$  and  $\frac{8}{8}$  on a number line.**

**Solution:**

The fraction  $\frac{0}{8}$  and  $\frac{8}{8}$  are represented on a number line as given below:

