Fraction on the Number Line

☞ Representing fractions on a number line means that we can plot fractions on a number line, which is similar to plotting whole numbers and integers. Fractions represent parts of a whole. So, fractions on the number line are represented by making equal parts of a whole i.e., 0 to 1, and the number of those equal parts would be the same as the number written in the denominator of the fraction.

☞ **Let us understand with an example:**

To represent 1/8 on the number line, we have to divide 0 to 1 into 8 equal parts and mark the first part as 1/8.

$$0 \qquad \frac{1}{8} \qquad \frac{2}{8} \qquad \frac{3}{8} \qquad \frac{4}{8} \qquad \frac{5}{8} \qquad \frac{6}{8} \qquad \frac{7}{8} \qquad 1$$