

FRACTION

A fraction means a part of a group or of a region. For example: $\frac{5}{7}$ is a fraction.

Here 5 is called **numerator** and 7 is called **denominator**.

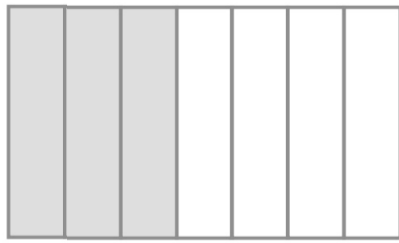


Fig. 1

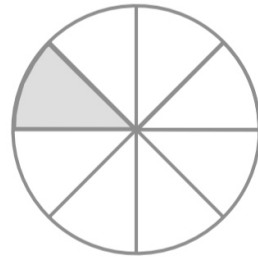


Fig. 2

In fig. 1 $\frac{3}{7}$ is obtained when we divide a whole into 7 equal parts and take 3 parts out of it.

In fig. 2 we divide a whole into 8 equal parts and take one part out of it.

1.Proper Fraction:- In a proper fraction the numerator is always less than denominator. For example: $\frac{3}{5}$

2.Improper Fraction:- In improper fraction the numerator is greater than denominator. For example: $\frac{7}{5}$

3.Mixed Fraction:- A mixed fraction has a combination of a whole and a part.