# Simplest Form of a Fraction

If the numerator and denominator of a fraction have no common factors then the fraction is considered as its smallest and simplest form.

EXAMPLES: 3/5, 2/3, 4/7, 7/11, etc.,

We can write a fraction in its simplest form by dividing the numerator and denominator by their HCF.

. Eg) Reduce 9/12 into its simplest form

The HCF of 9,12 is 3.



Eg) Reduce 12/24 into its simplest form.

The HCF of 12, 24 is 12.



**Note:**

When the numerator and the denominator of the fraction cannot be divided by a factor greater than 1, the fraction is in its lowest term.  
  
For example, 3/4, 2/3, 1/2