

FRACTIONS

'Adding A Fraction & A Whole Number'

When we are adding a whole number and a fraction, we just have to take care of one thing while rest of the process remains same.

When we have situation where we have to add whole number say 5 with a fraction say $\frac{5}{10}$, the only problem we see is that we don't see a denominator under 5 i.e our whole number.

$$5 + \frac{5}{10} = \underline{\hspace{2cm}}$$

$$\rightarrow \frac{5}{?} + \frac{5}{10} = \underline{\hspace{2cm}}$$

We convert a whole number into a fraction by putting a 1 in its denominator.

$$\rightarrow \frac{5}{1} + \frac{5}{10} = \underline{\hspace{2cm}} \quad (5 \div 1 = 5)$$

Now we will solve it with the method we have learned in our earlier topics.

$$\rightarrow \frac{5}{1} + \frac{5}{10} = \underline{\hspace{2cm}}$$

$$\rightarrow \frac{50}{10} + \frac{5}{10}$$

$$\rightarrow \frac{50 + 5}{10} = \frac{55}{10} = \frac{11}{2} = 5\frac{1}{2}$$

$$\text{So, } 5 + \frac{5}{10} = 5\frac{1}{2}$$