

**Subject: Maths**

**04.08.2020**

**Class 4**

### **Addition Fraction number**

**Dear students**

**You already have known how to change mix number into improper Fraction .for correct addition you have to follow given steps.**

CLASS-IV

### Adding mixed FRACTION

Ex-  $1\frac{1}{4} + 2\frac{1}{3} + 3\frac{1}{2}$

step-1-  $\rightarrow$  change into Improper fraction

So:  $1\frac{1}{4} = \frac{5}{4}$ ,  $2\frac{1}{3} = \frac{7}{3}$ ,  $3\frac{1}{2} = \frac{7}{2}$

So,  $\frac{5}{4} + \frac{7}{3} + \frac{7}{2}$

Step 2:- Take LCM of Denominator:-

$$= \frac{15+28+42}{12}$$
$$= \frac{85}{12} = 7\frac{1}{12}$$

$2 \overline{) 4, 3, 2}$   
 $2, 3, 1$   
So, LCM =  $2 \times 2 \times 3 = 12$

Step 3:- Divide L.C.M from denominator and multiply quotient with numerator.

Step 4:- change product into Improper fraction

Home Assignment:-

(1)  $\frac{12}{18} + \frac{1}{18}$

(2)  $\frac{1}{8} + \frac{3}{8} + \frac{5}{8}$

(3)  $\frac{6}{9} + \frac{1}{2}$

(4)  $\frac{8}{24} + \frac{1}{6}$

(5)  $\frac{3}{10} + \frac{7}{20}$

(6)  $\frac{18}{25} + \frac{12}{25}$

$$(g) \frac{9}{16} + \frac{1}{4} \quad (h) \frac{5}{9} + \frac{1}{2} \quad (i) \frac{5}{34} + \frac{5}{17} + \frac{11}{68}$$

$$(j) \frac{2}{9} + \frac{1}{3} + \frac{2}{6} \quad (k) 5\frac{2}{7} + 7\frac{3}{7}$$

$$(l) 1\frac{1}{3} + 1\frac{3}{8} + 2\frac{1}{4}$$

$$(m) 3\frac{4}{15} + 4\frac{3}{5} + 7\frac{7}{10}$$

$$(n) 8\frac{5}{8} + 1\frac{3}{4} + \frac{5}{12}$$

$$(o) 5\frac{1}{4} + 9\frac{6}{7} + 3\frac{5}{8}$$

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4/08/20

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