$$\frac{1}{8} + \frac{1}{6}$$

8 multiples: 8, 16, 24, 32, 40...

6 multibles:6,12,18,24,30...
the LCM is 24.

 $\frac{148 - 24}{3} + \frac{1}{6} \times \frac{4}{4} = \frac{12}{24}$

$$\frac{2}{9}$$

9 Multiples: 9, 18, 27, 36, 45. 3 Multiples: 3,6,9, 12, 15,...

the L(M is 9.

(or) L(M = $\frac{9}{x3}$ = $\frac{27}{50}$ = $\frac{27$

 $\frac{5}{9} - \frac{3}{9} = \frac{2}{9}$

24.
$$\frac{11-3}{10-4}$$
 $\frac{3}{10-4}$
 $\frac{3}{10$

Multiples of 5: 5, 10, 15, 20, 25... Multiples of 15:15, 30, 45, 60, 75 ... the LCM is 15.

$$\frac{6}{7} - \frac{2}{7}$$

myltiples of 14: 14, 28, 42, 56, 70... mylf; ples of 7: 7, 14, 21, 28, 35... the L(M; 5 14.

(or) the LCM = 14x7 - 18 = 14.50, We havefulo 14x1 - 2x2 = 9 + 4 = 13.



5

$$\frac{7. \frac{1}{2} + \frac{3}{5} + \frac{1}{10}}{5} + \frac{1}{10}$$

$$\frac{M U1 + iples}{5} = 0 + \frac{2}{5} + \frac{2}{5} + \frac{3}{5} + \frac{2}{5} + \frac{1}{10} \times \frac{1}{10} + \frac{5}{10} + \frac{1}{10} + \frac{11}{10}$$

$$\frac{7. \frac{1}{2} + \frac{3}{5} + \frac{3}{5}}{6} + \frac{2}{5} + \frac{1}{10} \times \frac{1}{10} + \frac{1}{10}$$

maltiples of 20: 20,40,60,89 100... multiples of 8:8,6,24,32,40 --the Lim is 40.

(or) L(M = 20x8) $G(D(20,8) = \frac{60}{4} = 40$

so, we have to do

$$\frac{13}{20} \times \frac{1}{2} + \frac{3}{8} \times \frac{5}{5} = \frac{26}{40} + \frac{15}{40} - \frac{41}{40}$$

 $\frac{26}{40} - \frac{15}{40} = \frac{11}{40}$

9.
$$\frac{5}{6} + \frac{7}{9}$$

Multiples of 6; 6, 12, 18, 24,30

Multiples of 9; 9, 18, 27,36, 45

(he L(Mis 18.

(or) LCM = $\frac{6}{5} \times \frac{7}{9} = \frac{5}{3} + \frac{7}{9} \times \frac{2}{3} = \frac{15}{10} \times \frac{14}{9} = \frac{29}{10}$

MUITIPLOS OF 24: 24, 48, 72, 96,170 MUITIPLOS OF 16: 6,32,48,64,80... the L(M 1) 48. (or) LCM = 24x16 = 384 = 48. GCD(24, 16) 8 So, we have to do $\frac{2+5\times 3}{11} = \frac{34+15}{48} = \frac{49}{48}$