a) $\frac{2}{3} + \frac{4}{5} = \frac{2 \cdot 5}{3 \cdot 5} + \frac{4 \cdot 3}{5 \cdot 3} = \frac{10}{15} + \frac{12}{15} = \frac{22}{15}$

b) $\frac{25}{30} + \frac{45}{50} = \frac{25 \cdot 5}{30 \cdot 5} + \frac{45 \cdot 3}{50 \cdot 3} = \frac{125}{150} + \frac{135}{150} = \frac{260}{150} =$

$= \frac{26}{15}$

30	2
15	3
5	5
1	

50	2
25	5
5	5
1	

$30 = 2 \cdot 3 \cdot 5$

$50 = 2 \cdot 5^2$

$MCM(30, 50) = 2 \cdot 3 \cdot 5^2 = 150$

c) $\frac{25}{30} + \frac{45}{50} - \left(\frac{2}{3} - \frac{4}{5}\right) =$

$= \frac{25}{30} + \frac{45}{50} - \left(\frac{2 \cdot 5}{3 \cdot 5} - \frac{4 \cdot 3}{5 \cdot 3}\right) =$

$= \frac{25}{30} + \frac{45}{50} - \left(\frac{10}{15} - \frac{12}{15}\right) =$

$= \frac{25}{30} + \frac{45}{50} - \left(\frac{-2}{15}\right) =$

$= \frac{25}{30} + \frac{45}{50} + \frac{2}{15} =$

30	2	50	2	15	3
15	3	25	5	5	5
5	5	5	5	1	
1		1			

$30 = 2 \cdot 3 \cdot 5$

$50 = 2 \cdot 5^2$

$15 = 3 \cdot 5$

$MCM = 2 \cdot 3 \cdot 5^2 = 150$

$= \frac{25 \cdot 5}{30 \cdot 5} + \frac{45 \cdot 3}{50 \cdot 3} + \frac{2 \cdot 10}{15 \cdot 10} =$

$= \frac{125}{150} + \frac{135}{150} + \frac{20}{150} = \frac{280}{150} = \frac{28}{15} = 1.86$

$\simeq 1.87$

$\frac{25}{30} + \frac{45}{50} - \left(\frac{2}{3} - \frac{4}{5}\right) = \frac{25}{30} + \frac{45}{50} - \frac{2}{3} + \frac{4}{5} =$

$= \frac{125}{150} + \frac{135}{150} - \frac{100}{150} + \frac{120}{150} = \frac{280}{150}$