

$$g) \frac{2}{3} : \frac{4}{5} = \frac{2}{3} \cdot \frac{5}{4} = \frac{10}{12} = \frac{5}{6}$$

$$h) \frac{25}{30} : \frac{45}{50} = \frac{25}{30} \cdot \frac{50}{45} = \frac{1250}{1350} = \frac{25}{27}$$

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

1350	2	12	2
675	3	6	2
225	3	3	3
75	3	1	
25	5		
5	5		
1	5		

$1350 = 2 \cdot 3^3 \cdot 5^2$   
 $12 = 2^2 \cdot 3$   
 $MCM = 2^2 \cdot 3^3 \cdot 5^2 = 2700$

$$= \frac{1250 \cdot 2}{1350 \cdot 2} - \frac{10 \cdot 225}{12 \cdot 225} = \frac{2500}{2700} - \frac{2250}{2700} = \frac{250}{270} = \frac{25}{27}$$

$$= \frac{5}{54}$$