

$$\frac{1}{27} + \frac{1}{18} + \frac{1}{60} + \frac{1}{50} =$$

$$\frac{2^2 \cdot 5^2}{3^3} + \frac{2 \cdot 3 \cdot 5^2}{2 \cdot 3 \cdot 5^2} + \frac{3^2 \cdot 5}{2^2 \cdot 3 \cdot 5^2} + \frac{2 \cdot 3^3}{2^2 \cdot 3^3 \cdot 5^2}$$

$$\frac{2^2 \cdot 3^3 \cdot 5^2}{\text{m.c.m}}$$

$$\begin{array}{r} 27 \mid 3 \\ 9 \mid 3 \\ 3 \mid 3 \\ 1 \mid 1 \\ \hline 3^3 \cdot 1 \equiv \end{array}$$

$$\begin{array}{r} 18 \mid 2 \\ 9 \mid 3 \\ 3 \mid 3 \\ 1 \mid 1 \\ \hline 2 \cdot 3^2 \cdot 1 \equiv \end{array}$$

$$\begin{array}{r} 60 \mid 2 \\ 30 \mid 2 \\ 15 \mid 3 \\ 5 \mid 5 \\ 1 \mid 1 \\ \hline 2^2 \cdot 3 \cdot 5 \cdot 1 \equiv \end{array}$$

$$\begin{array}{r} 50 \mid 2 \\ 25 \mid 5 \\ 5 \mid 5 \\ 1 \mid 1 \\ \hline 2 \cdot 5^2 \cdot 1 \equiv \end{array}$$

27 → $\frac{2^2 \cdot \cancel{3} \cdot 5^2}{\cancel{3}} = 2^2 \cdot 5^2$

18 → $\frac{2 \cdot \cancel{3} \cdot 5^2}{\cancel{3}} = 2 \cdot 3 \cdot 5^2$

60 → $\frac{2 \cdot \cancel{3} \cdot 5^2}{\cancel{3}} = 3^2 \cdot 5$

50 → $\frac{2 \cdot \cancel{3} \cdot 5^2}{\cancel{5}} = 2 \cdot 3^3$

M.C.M: TUTTI I FATTORI
 ↑
 ESPONENTE MASSIMO

$2^2 \cdot 3^3 \cdot 5^2$ (CORRISPONDENTI E NON CORRISPONDENTI)
 $4 \cdot 27 \cdot 25 = \dots$

M.C.D: TUTTI I FATTORI CORRISPONDENTI
 ↑ ↑
 ESPONENTE MINIMO

①