

888		2
444		2
222		2
111		3
37		37
1		

$$888 = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 37$$
$$2^3 \cdot 3 \cdot 37$$

$$\text{M.C.M.}(20, 24) = 2^3 \cdot 3 \cdot 5 = 8 \cdot 3 \cdot 5 = 120$$

$$\begin{array}{r|l} 20 & 2 \\ 10 & 2 \\ 5 & 5 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 24 & 2 \\ 12 & 2 \\ 6 & 2 \\ 3 & 3 \\ 1 & \end{array}$$

$$20 = 2^2 \cdot 5$$

$$24 = 2^3 \cdot 3$$

$$\text{MCM}(20, 30) = 2^2 \cdot 3 \cdot 5 = 4 \cdot 3 \cdot 5 = \textcircled{60}$$

20		2	30		2
10		2	15		3
5		5	5		5
1			1		

$$20 = \textcircled{2^2} \cdot 5$$
$$30 = 2 \cdot \textcircled{3} \cdot \textcircled{5}$$

$$\text{MCM}(72, 108) = 2^3 \cdot 3^3 = 8 \cdot 27 = \textcircled{216}$$

72		2	108		2
36		2	54		2
18		2	27		3
9		3	9		3
3		3	3		3
1			1		

$$72 = \textcircled{2^3} \cdot 3^2$$
$$108 = 2^2 \cdot \textcircled{3^3}$$