

Mínimo Común Múltiplo (F)

Nombre: _____

Fecha: _____

Determine el mínimo común múltiplo usando los factores primos de cada número.

1. $18 =$

$20 =$

MCM =

2. $12 =$

$15 =$

MCM =

3. $20 =$

$24 =$

MCM =

4. $10 =$

$22 =$

MCM =

5. $8 =$

$10 =$

MCM =

6. $22 =$

$6 =$

MCM =

7. $16 =$

$24 =$

MCM =

8. $22 =$

$24 =$

MCM =

9. $24 =$

$15 =$

MCM =

10. $12 =$

$22 =$

MCM =

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Nombre: _____

Fecha: _____

Determine el mínimo común múltiplo usando los factores primos de cada número.

$$\begin{aligned} 1. \quad 18 &= 2 \times 3^2 \\ 20 &= 2^2 \times 5 \\ \text{MCM} &= 2^2 \times 3^2 \times 5 \\ &= 180 \end{aligned}$$

$$\begin{aligned} 2. \quad 12 &= 2^2 \times 3 \\ 15 &= 3 \times 5 \\ \text{MCM} &= 2^2 \times 3 \times 5 \\ &= 60 \end{aligned}$$

$$\begin{aligned} 3. \quad 20 &= 2^2 \times 5 \\ 24 &= 2^3 \times 3 \\ \text{MCM} &= 2^3 \times 3 \times 5 \\ &= 120 \end{aligned}$$

$$\begin{aligned} 4. \quad 10 &= 2 \times 5 \\ 22 &= 2 \times 11 \\ \text{MCM} &= 2 \times 5 \times 11 \\ &= 110 \end{aligned}$$

$$\begin{aligned} 5. \quad 8 &= 2^3 \\ 10 &= 2 \times 5 \\ \text{MCM} &= 2^3 \times 5 \\ &= 40 \end{aligned}$$

$$\begin{aligned} 6. \quad 22 &= 2 \times 11 \\ 6 &= 2 \times 3 \\ \text{MCM} &= 2 \times 3 \times 11 \\ &= 66 \end{aligned}$$

$$\begin{aligned} 7. \quad 16 &= 2^4 \\ 24 &= 2^3 \times 3 \\ \text{MCM} &= 2^4 \times 3 \\ &= 48 \end{aligned}$$

$$\begin{aligned} 8. \quad 22 &= 2 \times 11 \\ 24 &= 2^3 \times 3 \\ \text{MCM} &= 2^3 \times 3 \times 11 \\ &= 264 \end{aligned}$$

$$\begin{aligned} 9. \quad 24 &= 2^3 \times 3 \\ 15 &= 3 \times 5 \\ \text{MCM} &= 2^3 \times 3 \times 5 \\ &= 120 \end{aligned}$$

$$\begin{aligned} 10. \quad 12 &= 2^2 \times 3 \\ 22 &= 2 \times 11 \\ \text{MCM} &= 2^2 \times 3 \times 11 \\ &= 132 \end{aligned}$$