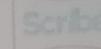


Belén Del Refugio Gallo Pérez

mínimo y Máximo Multiplo y divisor 14 Julio 25
2, 3, 5, 7, 11, 13



①

52	2
26	2
13	13
1	

48	2
24	2
12	2
6	2
3	3
1	

65	5
13	13
1	

mcm = 3,120
MCM = 1

$$52 = 2^2 \cdot 13$$

$$65 = 5 \cdot 13$$

$$2^4 \cdot 3 \cdot 5 \cdot 13 = 3,120$$

$$48 = 2^4 \cdot 3$$

Al no tener comunes se pone el resultado ó factor de todos los numeros

2, 3, 5, 7, 11, 13, 1

②

102	2
51	3
17	17
1	

58	2
29	29
1	

98	2
49	7
7	7
1	

$$\text{mcm} = 144,942$$

$$\text{MCM} = 2$$

$$2 \cdot 3 \cdot 17 \cdot 29 \cdot 7^2 = 144,942$$

$$102 = 2 \cdot 3 \cdot 17$$

$$58 = 2 \cdot 29$$

$$9 = 2 \cdot 7^2$$

2, 3, 5, 7, 11, 13

③

75	3
25	5
5	5
1	

$$75 = 3 \cdot 5^2$$

200	2
100	2
50	2
25	5
5	5
1	

$$200 = 2^3 \cdot 5^2$$

196	2
98	2
49	7
7	7
1	

$$196 = 2^2 \cdot 7^2$$

$$\text{mcm} = 29,400$$

$$\text{MCM} = 1$$

$$2^3 \cdot 3 \cdot 5^2 \cdot 7^2 = 29,400$$

Belen Del Refugio

Cecilia Pérez

mcm MCD

2,3,5,7,11,13

14 Julio 25

④

$$\begin{array}{r} 33 \\ | \\ 11 \end{array} \quad \begin{array}{r} 3 \\ | \\ 1 \end{array}$$

$$\begin{array}{r} 99 \\ | \\ 33 \\ | \\ 11 \end{array} \quad \begin{array}{r} 3 \\ | \\ 1 \end{array}$$

$$\begin{array}{r} 66 \\ | \\ 33 \\ | \\ 11 \end{array} \quad \begin{array}{r} 2 \\ | \\ 3 \\ | \\ 1 \end{array}$$

$$mcm = 198$$

$$MCD = 33$$

$$= 3^2 \cdot 11 \cdot 2 = 198$$

$$3 \cdot 11 = 33$$

⑤

2,3,5,7,11,13,17,19

$$\begin{array}{r} 48 \\ | \\ 24 \\ | \\ 12 \\ | \\ 6 \\ | \\ 3 \end{array} \quad \begin{array}{r} 2 \\ | \\ 2 \\ | \\ 2 \\ | \\ 1 \end{array}$$

$$\begin{array}{r} 60 \\ | \\ 30 \\ | \\ 15 \\ | \\ 5 \end{array} \quad \begin{array}{r} 2 \\ | \\ 2 \\ | \\ 3 \\ | \\ 1 \end{array}$$

$$mcm = 720$$

$$MCD =$$

$$2^4 \cdot 3^2 \cdot 5 = 720$$

$$48 = 2^4 \cdot 3$$

$$60 = 2^2 \cdot 3 \cdot 5$$

$$3 \cdot 3 = 3$$

MCM = Mínimo Común Múltiplo

MCM = Máximo Común divisor