

Factor m.c.m
• 24 28

• 15 35

• 18 36

hallar el maximo

• 24 32

• 36 48

• 12 18

M.C.M

$m_{24} = d \{ 48, 72, 96, 120 \}$

$m_{32} = d \{ 32, 64, 96, 128 \}$

24 32 2

12 16 2

6 8 2

3 4 2

3 2 2

1 1 3

2 2 2 2 2

$2^5 \times 3$

$32 \times 3 = 96$

max = d 15, 30, 45, 60, 75, 90, 105

max = d 5, 10, 15

15 35 5
2 3
3 4
4

5 x 3 x
15 x 9 = 135

max = d 18, 36, 54, 72, 90, 108

max = d 3, 6, 9, 12, 15, 18

18 36 2

9 18 2 $2^2 \times 3^2$

9 9 3 $4 \times 9 = 36$

3 3 3

MCD

$$D_{24} = \{2, 3, 4, 6, 8, 12, 24\}$$

$$D_{39} = \{1, 3, 13, 39\}$$

$$24 \quad 39 \quad | \quad 2$$

$$12 \quad 17 \quad | \quad 2$$

$$6 \quad 17 \quad | \quad 2$$

$$3 \quad 17 \quad | \quad 3$$

$$1 \quad 17 \quad | \quad 17$$

$$1$$

$$8 \times 3 \times 17 = 408$$

$$D_{36} = \{1, 2, 3, 4, 6, 8, 9, 12, 18, 36\}$$

$$D_{48} = \{1, 2, 3, 4, 6, 8, 12, 16, 24, 48\}$$

$$36 \quad 48 \quad | \quad 2$$

$$18 \quad 24 \quad | \quad 2$$

$$9 \quad 12 \quad | \quad 2$$

$$3 \quad 6 \quad | \quad 3$$

$$1 \quad 2 \quad | \quad 2$$

$$1$$

$$39 \times 3 = 102$$

A = { 1, 2, 3, 4, 6, 12 }

B = { 1, 2, 3, 6, 9, 18 }

12 | 18 | 2

6 | 9 | 3

2 | 3 | 2

1 | 1 | 3

$$4 \times 6 = 24$$