

QUIZ

Hallar el minimo como multiplo entre

* 24 y 28 ✓

* 15 y 38

* 18 y 36

*

Hallar el maximo comun divisor entre

* 24 y 32

* 36 y 48

* 12 y 18

solucion

M_{24} 24, 48, 72, 96, 120, 144, 168, 192, 216, 240

M_{28} 28, 56, 84, 112, 140, 168, 196, 224, 252, 280

168

24	48	2
12	24	2
6	12	2
3	6	2
3	3	3
1	1	

$2 \times 2 \times 2 \times 2 \times 3 = 96$

$$M_{15} = [15, 30, 45, 60, 75, 90, 105, 120, 135]$$

$$M_{35} = [35, 70, 105, 140, 175, 210, 245, 280]$$

105

35	15	3
35	5	5
7	1	7
1		

$$3 \times 5 \times 7 = 105$$

$$M_{18} = [18, 36, 54, 72, 90, 108, 126, 144]$$

$$M_{36} = [36, 72, 108, 144, 180, 216]$$

36

18	36	2
9	18	2
9	9	3
3	3	3
1	1	

$$2 \times 2 \times 3 \times 3 = 36$$

$$D_{24} = [1, 2, 3, 4, 6, 8, 12, 24]$$

$$D_{32} = [1, 2, 4, 8, 16, 32]$$

24	32	14
6	6	2
6	2	2
3	1	2
2		

4

2

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

12

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

36	48	12
3	4	

12

$$D_{12} = [1, 2, 3, 4, 6, 12]$$

6

$$D_{18} = [1, 2, 3, 6, 9, 18]$$

12	18	6
2	3	

6