

1. Escribe los Multiplos de 7  
0, 7, 14, 21, 28, 35, 42, 49, 56

2. 9 multiples de 13  
0, 13, 26, 39, 52, 65, 78, 91, 104

3. Encierra los multiples de 2  
16, 28, 42, 96, 84, 302, 306, 406  
268, 468, 134,

4. Encierra en un circulo los numeros multiples de 3?  
18, 21, 24, 27, 42, 45, 147, 309, 468, 528  
3096, 4152, 5613, 5061

5. Multiples de 4?  
178, 152, 240, 268, 316, 324, 372, 404, 436, 528,

6. Halla Multiples 9 entre 25 y 120  
27, 36, 45, 54, 63, 72, 81, 90, 99, 108

7. Marca con x los numeros que son Multiplos de 9  
144, 261, 234, 306, 324, 506, 2349, 6120  
639, 1458.

8. Marca multiples de 10  
1050, 1260,

9. Múltiplos de 11 comprendidos entre 30 y 150

33, 44, 55, 66, 77, 88  
99, 110, 121, 132, 143

(13)

Coloca V o F

V  
V  
V  
F  
F  
V  
V  
V  
V  
V

10. Múltiplos de 13 comprendidos entre 25 y 160

26, 39, 52, 65, 78, 91, 104  
117, 130, 143, 156

(14)

$D_{54} = \{1, 2, 3, 6, 9, 18, 27, 54\}$

11. Halla los elementos de cada conjunto

a. 6, 12, 18, 24, 30, 36, 42  
48, 54, 60, ...

$D_{45} = \{1, 3, 5, 9, 15, 45\}$

b. 14, 28, 42, 56, 70, 84, 98

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

c. 5, 10, 15, 20, 25, 30, 35, 40  
45, 50, 55, 58, 63, 68

$D_{60} = \{1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60\}$

d. 17, 34, 51, 68, 85, 102, 119  
136

$D_{72} = \{1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72\}$

12. Escribe los elementos x de los conjuntos que cumplen siguientes propiedades

A = 35, 42, 49, 56, 63

B = 57, 76, 95, 114

C = 54, 63, 72, 81

D = 52, 65, 78, 91, 104

E = 42, 48, 54, 60, 66, 72

F = 77, 84, 91, 98

(15) Completa:

- 1, 2, 3, 6, 9, 18 divisores 18
- 1, 2, 3, 4, 6, 9, 12, 18, 36 div 36
- 1, 2, 3, 5, 6, 10, 15, 30 div 30
- 1, 2, 4, 7, 14, 28 divisores 28

13. Halla los divisores:

126 = 1, 2, 3, 6, 7, 9, 14, 18, 21  
42, 63, 126

128 = 1, 2, 4, 8, 16, 32, 64, 128

76 =  
750 = 1, 3, 5, 15, 25, 30, 50  
35, 125, 150, 250, 375, 750

17. Divisores del 36

1, 2, 3, 4, 6, 9, 12, 18, 36

18. Divisores de 48

1, 2, 3, 4, 6, 8, 12, 16, 24, 48

Numero	D	Clasificación
6	1, 2, 3, 6	Comp
7	1, 7	Primo
9	1, 3, 9	Comp
12	1, 2, 3, 4, 6, 12	Comp
17	1, 17	Primo
21	1, 3, 7, 21	Comp
47	1, 47	Primo
51	1, 3, 17, 51	

20. 31, 37, 41, 43, 47

21. 53, 59, 61, 67, 71, 73

22. 11, 13, 17, 19, 23

17, 19, 23, 29, 31, 37

23. Suma de 2 números primos

a - 2, 17	e - 37 + 47
b - 31 + 43	f - 73 + 7
c - 71 + 17	g - 17 + 31
d - 53 + 3	h - 17 + 47

24. 120, 126, 300, 280

25. Factorización

$$\begin{array}{r|l} 60 & 2 \\ 30 & 2 \\ 15 & 3 \\ 5 & 5 \\ 1 & \end{array} = 2^2 \cdot 3 \cdot 5$$

$$\begin{array}{r|l} 54 & 2 \\ 27 & 3 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array} = 2 \cdot 3^3$$

$$\begin{array}{r|l} 108 & 2 \\ 54 & 2 \\ 27 & 3 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array} = 2^2 \cdot 3^3$$

$$\begin{array}{r|l} 150 & 2 \\ 75 & 3 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

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

$$\begin{array}{r|l} 600 & 2 \\ 300 & 2 \\ 150 & 2 \\ 75 & 3 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

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

$$\begin{array}{r|l} 300 & 2 \\ 150 & 2 \\ 75 & 5 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

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

$$\begin{array}{r|l} 180 & 2 \\ 90 & 2 \\ 45 & 3 \\ 15 & 3 \\ 5 & 5 \\ 1 & \end{array}$$

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

$$\begin{array}{r|l} 144 & 2 \\ 72 & 2 \\ 36 & 2 \\ 18 & 2 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

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

$$\begin{array}{r|l} 280 & 2 \\ 140 & 2 \\ 70 & 2 \\ 35 & 5 \\ 7 & 7 \\ 1 & \end{array}$$

$$= 2^3 \cdot 5 \cdot 7$$

26. M.C.H

$$A = 9 \cdot 10 = 90$$

$$\begin{array}{r|l} 10 \cdot 9 & 2 \\ 5 \cdot 9 & 3 \\ 5 \cdot 3 & 3 \\ 5 \cdot 1 & 5 \\ 1 & 1 \end{array}$$

$$2 \cdot 3^2 \cdot 5$$

$$B = 8 \cdot 40 = 40$$

$$\begin{array}{r|l} 10 \cdot 8 & 2 \\ 5 \cdot 4 & 2 \\ 5 \cdot 2 & 2 \\ 5 \cdot 1 & 5 \\ 1 \cdot 1 & 1 \end{array}$$

$$2^3 \cdot 5$$

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

$$= 2^2 \cdot 5$$

$$\begin{array}{r|l} 12 \cdot 9 \cdot 27 & 2 \\ 6 \cdot 9 \cdot 27 & 2 \\ 3 \cdot 9 \cdot 27 & 3 \\ 1 \cdot 3 \cdot 9 & 3 \\ 1 \cdot 1 \cdot 3 & 3 \\ 1 \cdot 1 \cdot 1 & 1 \end{array}$$

$$= 2^2 \cdot 3^3 = 108$$

