

Números Primos

9)

Descomposición Canónica

e) 960

960	2
480	2
240	2
120	2
60	2
30	2
15	3
5	5
1	

$$2^6 \times 3^1 \times 5^1$$

Divisores Primos

$$CD = (6+1)(1+1)(1+1)$$

$$CD = (7)(2)(2)$$

$$CD = (7)(4)$$

$$CD = \underline{28}$$

$$28 = 3 + CD_c + 1$$

$$28 = 4 + CD_c$$

$$\underline{24 = CD_c}$$

d)

1540	2
770	2
385	5
77	7
11	11
1	

$$2^2 \times 5^1 \times 7^1 \times 11^1$$

$$CD = (2+1)(1+1)(1+1)(1+1)$$

$$CD = (3)(2)(2)(2)$$

$$CD = (3)(8)$$

$$CD = \underline{24}$$

$$24 = 4 + CD_c + 1$$

$$24 = 5 + CD_c$$

$$\underline{19 = CD_c}$$

c)

5400	2
2700	2
1350	2
675	3
225	3
75	3
25	5
5	5
1	

$$2^3 \times 3^3 \times 5^2$$

$$CD = (3+1)(3+1)(2+1)$$

$$CD = (4)(4)(3)$$

$$CD = \underline{48}$$

$$48 = 3 + CD_c + 1$$

$$48 = 4 + CD_c$$

$$\underline{44 = CD_c}$$

B)

7	2	9	3
2	4	3	3
8	1	3	
2	7	3	
9	3		
3	3		
1			

3⁶

$$CD = (6+1)$$

$$CD = \underline{7}$$

$$7 = 1 + CD_c + 1$$

$$7 = 2 + CD_c$$

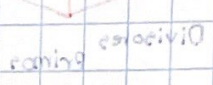
$$5 = CD_c$$

//

составляем

составляем

обрат



a)

1	70	2
85	5	
	17	

$2 \times 5 \times 17$

$$CD = (1+1)(1+1)(1+1)$$

$$CD = (2)(2)(2)$$

$$CD = (8)$$

$$8 = 3 + CD_c + 1$$

$$8 = 4 + CD_c$$

$$4 = CD_c$$

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(b)