

1)
$$P = 7$$
 $q = 11$
 $N = 77$
 $C = (P - 1)(q - 1) = 60$

2) $C = 37$
 $C = 60$

2) $C = 37$

23 $C = 60$

24 $C = 60$

25 $C = 60$

26 $C = 60$

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29 $C = 60$

20 $C = 60$

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20 $C = 60$

$$X = P_1^1 P_2^{12}$$
 P_1^{14} $\longrightarrow Z = P_1^1 P_2^{12}$ P_1^{14} $Y = P_1^1 P_2^{12}$ P_1^{14} P_1^{1

$$w \cdot x = 1 \pmod{p}$$

$$GCD(\Lambda, p) = 1$$

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$$x \in CD(a,b) = x \cdot a + y \cdot b$$

 $x \in CD(a,b) = \int g = a, x = 1, y = 0$ si b=0

$$x \in CD(a,b) = \begin{cases} a = a, x = 1, y = 0 \\ g_1x_1x_1 = x \in CD(b_1 a_2 \cdot b_1) \end{cases}$$
 $side b$

	23	366	750 /	19+1	- 30
		750	116	-15	97
		116	34	7	-15
		59	8	-1	7
		8	b	1	- T
		6	2	0	(
		2	0	1	0
2 =	10214 ×	(-306)	+ 2	2366 ×	137

$$Z = 10214 \times (-306) + 2366 \times 1321$$

Algoritumo RSA (1) p 7 g nomeros primos N= 5. 2 2) = (8-1) (9-1) e -> GCD(e, r)=1 copnimos 3.) 2 => e.2 = 1 (mo2 r) 1=7.2 x Ls not Law ORNLVI 4) (2,N) llave publica (d, N) llave privada mensage m C= We (mad n) $M = c_q \pmod{N}$