Tarea 8	O MM AA
	Cale Indiana Cale and
L. Algoritmo de la División	
a: 59 h=7	
9=8254729	u=84, n=12
	7 4 34/12 2 8
$r = \alpha - (9) \gamma$ = 59 - (3) γ = 54 = (3) γ + 3	Y = 34 - (7)12 34 = (7)12
- 59 - 56	7 34 - 84
= 3	
e a= 100, n=9	a = -96 n = 12
	-8 z -96/12 L -7
11 / 100/4 / 12	82 /12 2 - +
$\gamma = 100 - (11)9 - 100 = (11)9 + 1$ $= 100 - 49$	r=-46-(-3)12 96=(-8)12
= 1	= -96+96
	= 0
• a= -4, h:5	
-9/5 4 0	
-12 - 9/5 2 0 $Y = -4 - (-1)5$ $-4 = (-1)5 + 1$	
= -415	
= 1 Euclider	

2. Algoritmo Eu	clider	
• 204, 78	a 43,27	0 138,61
1 209 = (2)78 + 53	1 43 = (3) 27 + 12	1 138 = (2)61 + 16
79 = (1)53 + 15	127 = (2)12 + 3	61 = (3)/6 + 13
53= (3)15 + 8	12 = (4)3, + 0	16 = (1)13 + 3
15= (1)8 + 7		13 = (4)3 + 1
8 = (1)7 + 1	med = 3	3 = (3),1, + 0
7=(7)40		mcd = 1
mcd = 1		

- 231, 49	DO MM AA
$ \begin{array}{c} 1 & 2.37 = (4) \ 49 & 4 & 35 \\ 49 & = (1) \ 35 & 7 & 14 \\ 35 & = (2) \ 14 & 7 & 7 \\ 1 & 14 & = (2) \ 7 & 7 & 0 \end{array} $	
mcd = 7	
3. Coeficientes de Bézont	
112, -91	
	- (2) 21
70 = (1) 49 + 21 = (3)[- (2)[70 - 49] = (3)49 - (2)70 -91 + (2)70] - (2)[-112 + (2)91]
11= (3)(7) + 0 = (7)-	41+ (4)-41+ (-2)(-112) + (6)76 41+ (-2)-112+ G[-112+(2)41] -41+ (4)-112
7 = (4) -112 + (-5) -41	
- 105, 39 mid(105734) = m	(4(-125,34)
155 = $(2)^{2}9 + 27$ 3 = $27 - (2)^{2}$ 39 = $(1)^{2}7 + 12$ = $(3)^{2}(0)^{2}$	112 34 - 27] = (3)27 - (2)34 (2)341 - (2)34 1 (-6)34 - (2)34