Calcular a mano Ackermann de A(3, 1)

A(0,y) = y+1 A(x+1,0) = A(x,1)A(x+1,y+1) = A(x,A(x+1,y))

A (3,1) = A (2, A13,0) -3 A (3,0) = A (2,1) = 3 A (2,1) = A (1,12,0) = 70 A (2,0) = A (1,11) = 3 A (1,1) = A (0, A11,0) = 70 A (1,0) = 2 OA(0,2) = 3 OA(1,3) = A(0,A(1,2)) A(1,2) = A(0,A(1,2)) A(1,2) = A(0,A(1,2)) A(1,2) = A(0,A(1,2)) A(0,3) = 4 A(1,3) = A(0,4) = 5

3 A(2,5)=A(1,A(2,4))
A(2,4)=A(1,A(2,3))
A(2,3)=A(1,A(2,3))
A(2,2)=A(1,A(2,3))
A(2,2)=A(1,A(2,3))
A(2,2)=A(1,A(2,3))
A(1,4)=A(0,A(1,4))
A(1,4)=A(0,5)=6
A(1,5)=A(0,6)=7

A(1,8) = A(0, A(1,8)) A(1,9) = A(0,10) = 11 A(2,5) = A(1,11) A(1,10) = A(0,11) = 12 A(1,10) = A(0,11) = 12 A(1,11) = A(0,12) = 13 A(3,1) = A(2,5)