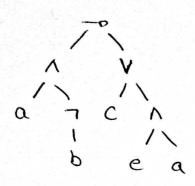
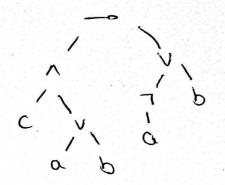
1. and - cu(ena)

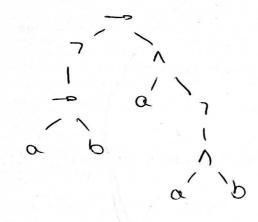
2. c ~ (avb) -5 70 vb

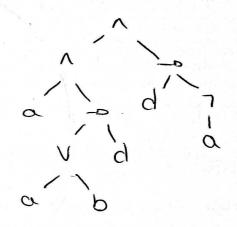




3. 7 (a-b) -a 17 (anb)

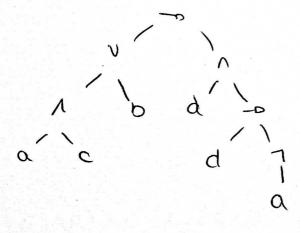
4. an (avb-od) (d-o7a)

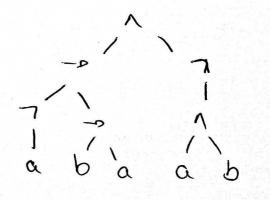




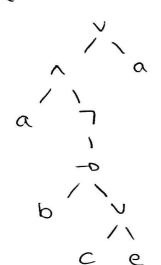
\$5. (anc) vb-Ddn (d-7a)

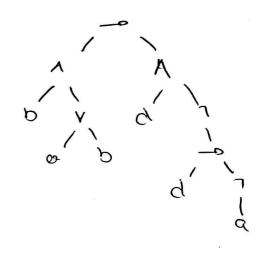
6. 7a = (b-0a) 17 (QNb)



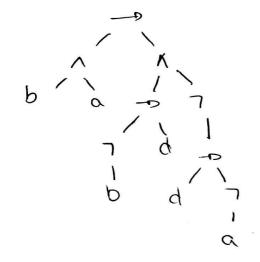


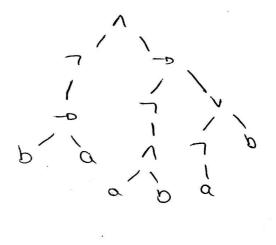
- 7. (an7(b-ocve)) va
- 8 br(aub) -od r7(d- 7a)





9 bna-0(76-0d N7(d-07a)) 10. 7(6-0a) N7(anb)-0 7a Vb





- 4.3
- a @ Q V Y = Q + & + Q . Y = 1 + 0 + 1.0 = 1
 - 3 . KN X = 0. X = 1.0=0
 - 3 7 4 A7 Y= 7 4.78=0.1=0

- 6. BUT8-0 a=1+BUT8+BUT8, Q(H8)). a=1+1+1+1+1+0+(1+10+))=
- (6) BYOND (B-78)= 11 BYON BYON (B-278)=
 = 1+3+ O+1+1.(O+1)= 1+1+1=1
- (3) (BC-) 7 (4C-) (4C-) 8) = 1+ (BC-) 74)+(AC-)8)= = (1(11(3+(+4)) + (1+4+8) = 1+(1+1+1)+(1+1+0)= = 1
- $\begin{array}{lll}
 (8) & (8 3 \alpha) 3((\alpha 078) 0(78 8)) = \\
 & = (1 \alpha) ((3 3 \alpha) + ((3 3 \alpha)) (((4 3 \alpha) \beta) 0(78 8)) = ((4 \beta + \beta \alpha) \beta) \\
 & + ((1 + (3 + \beta \cdot \alpha)) ((1 + ((3 3 \alpha)) + ((3 3 \alpha)) (78 8)) = \\
 & = (0 + ((1 + ((1 + \alpha + \alpha (1 + \beta)) + ((3 + ((1 + \beta)) ((1 + \beta + (1 + \beta) \beta)) ((3 + ((1 + \beta)) ((1 + \beta + ((1 + \beta) \beta)) ((3 + ((1 + \beta)) ((1 + \beta + ((1 + \beta) \beta)) ((3 + ((1 + \beta)) ((1 + \beta + ((1 + \beta) \beta)) ((3 + ((1 + \beta)) ((1 + \beta + ((1 + \beta) \beta)) ((3 + ((1 + \beta)) ((1 + \beta + ((1 + \beta)) ((1 + ((1$
- (4.4) (1 av 1-0 BV 8

a B 8 4 V 8 9-03 BVX 218-B18 000 0 0 \mathcal{O} 0 0 10 0 10 (, , 1 1

L VY-BVY consequencia de a-0B

@ 2x 8-13 x

LATTOBAY consecrencia de 208

@ 7 > Q 1 B C-> 4 VB

~ UB 74136-> ~ UB X B X + -0 B 741B 74 0 0 0 0 0 1 0 0 1 (1 (Q 0 0 101 0 0 1 10 (0 0 1 1 6 6 0 O

Fu in mongo en el fre 2-0 3 es neugadera no bocionos gegnos, el nova ge Jave 2 vBr-> ang

(4.5)

9 4 N P

a 3 an 3 a 2-73 Eu un mondo en 0 0 0 1 el que a 2-73 es ol 10 0 0 falsa an 3 también 11 1 es falsa.

(2) av (3

3 4-03

0 0 1 1 0 10 se prage gaproir 4
0 1 0 0 0
1 1 0 0 0

(9) any L-> 3n y

QBY QL->BANY BNY QN867BN8 0 0 6 1 001 1 0 1 0 0 0 0 (1 0 0 1 100 O 8 \mathcal{O} 101 0 0 110 (111 1

(4.11) P= (c (-> (a vb), b -> (c -> a) d x7 (c -> a) &

| a b c d | a ub | c-(avb) | C-0 Q | b-o(c-na) | 7 (c-0a) | dr7(c-00) |
|---------|------|-----------|-------|-----------|----------|-----------|
| 0000 | 0 | \ | (| 1 | 0 | 0 |
| 0001 | O | 1 |) | l | 0 | 6 |
| 0 0 \ 0 | 6 | 0 | 0 | 1 | 1 | 0 |
| 6011 | 0 | 0 | 0 | | | (|
| 0 1 0 0 | 1 | (| (| Č | Ġ | Ò |
| 0101 | (| (| 1 | ì | 0 | σ |
| 0 / / 0 | 1 | Ţ | 0 | 0 | (| 6 |
| 0 1 (1 | l | (| O | 0 | (| , |
| 1000 | 1 | ١ | ı | 6 | | 1 |
| 1001 | · · | , | `` | ` | $\sim C$ | G |
| 1010 | ī | • | 1 | (| o | 6 |
| (0) | | ľ | 1 | , | 0 | 0 |
| (10 0 | (| 1 | (| (| 0 | 6 |
| 1 10 1 | 1 | (| l | Ţ | 0 | G |
| (((0 | 1 | l | (| l | ^ | · · |
|) (() | | } | 1 | (| O . | G |
| - ' ' | Ţ | \$ | t | ĺ | 0 | 6 |
| | | | | · · | 0 | G |

No hay ningún mudo en el que los conjutos sean ciertos =0 17 es insatis facible.