S = " Superman is defeatable"

A = " Superman is alone"

B= " Batman works with lex luther"

P= "Batman acquires kryptonile"

W = " wonderwoman intervens and fly hts with superman"

SC=>(PNA)

P C=> B

W 6>B

W =>4S = 7WV7S

b) SER (PAB): (APVZAVS) A (TSVP)

PEDB: 1-BUP) 1 (MPVR)

WC=7B: (7BVW) A (BV7W) = (C7BUW) AB) V (GBVW) AZW)

= ((7BAB) V (M)BV ((7BUW) A 7W)
= (WAB) V (7WA7B)

(S=>(PAA) A ((PAA) => S) = (7SV(PAA)) A (7PV7AVS)

= ((PN15) x (ARN15)) x (7PV7AVS)

= (PV7S) A (AV7S) A (7PV7AVS)

C) we know that for su perform to be defeated, batman needs to work with less Tuthor and wonderwoman needs to interce and fight with superman.

A = (BAW)=275 = (7BV7W)28. It postment of

(PUTS) A (AUTS) A (TPUTANS) A (TBUW) A (BUTW) A (78 UP) A (TPUB) A

Modus Powns: d=78,d

Since we know it wonderwoman intenenes. Supreman won't be alone, we can conclude that superman will be undefeated. W=> A A=>4S