CS 161 HW/Assignment 5) · P => -Q, ((P1-Q)/7P1Q)) 1.60 P=770, Q=77P Piff not Q, ((Pand NOTa) OR (NOT P Pimplies NOT Q, Q implies NOT P M(9=77Q) = M(7Q=77P) = {W2, W3, W4} WS FIT Sub-table (b) PG7Q, ((PA-Q) V (7PAQ)) = 64 worlds | P JQ | PK 70 | ((PN7Q) V (7PND)] TPAQ W. W Wz WY M(D3) = M(D4) = { W 2, W3} M(S=7F)=7(IS=7F))- [w,, wx, 2.A)(Smoke => Fire) (Smoke => Fire) Smake Fire TSmake 17 Fire Smake 7 Fire Smake = 7 Fire 314 worlds are Satisfied by this Sentance, so its NEITHER Satistiability: campaind prop is SAT if I a least (TRUE result, valid campaind prop

unsatisfiability: Not even I "the" in the truth take

which is always







