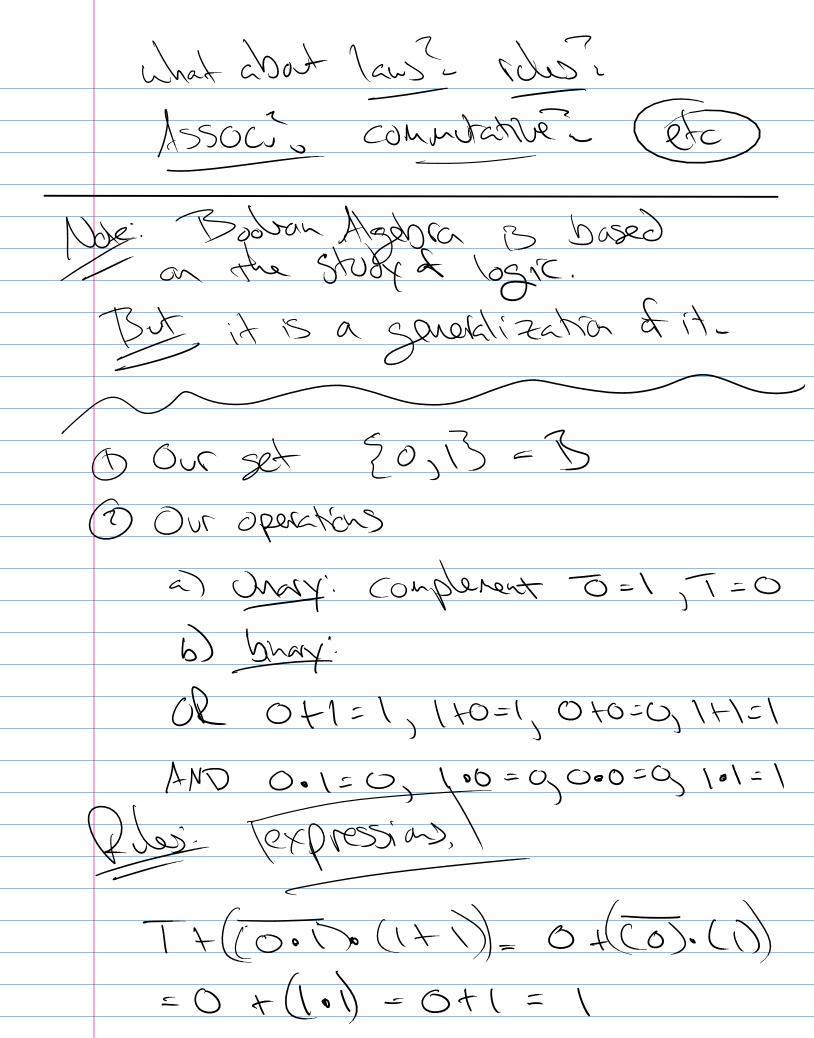
12h 322 (10.3 (21) ANB-AND-A ANB-AND-A

Months (case) but frags on 1) = tways on if / hays on 3/ M(B-ANB-A

Ch B-ANB-A TO ANDA DA BANDA S = 2 | S2 = 1 | S3 = 2 ( 2 5 5 (ase) 1.5 = 5 ways on case! Cose2 ANB ANB-A T2 = 1 1.2 = 2 rays on case 2 total: (14)

Islan Algebra Algebra: Study at the rules roperation and that you got from them. Eleventary Algeria. Stuff = 1/ - properties & operations on PR on clas of expressions - color of equality. Abortact Algebra To Not just numbers -> sets of elements. > broay and mary operations on the sle ments. Not just number ups Clentito a merses Inverse Jelvans tied to ops.



Algebra Variables

X E EOSTS 13 a Bodgan Variable. Salan Function (X1, X2) ... , KW) EB 4(x, xy-, xh): B) > B Bolean Expressa: (Xoy) 7 Z X0(5+2) (X+4).(S+E) Fuchia: 4(x,3,2,5,6) = (x+y).(2+6+6) £(0,0,0,1,1) = (0+0)·(0+(1+1)) = (0,1=1

Study operations -> laws X+X=X X.X=X X +0 = X etc. compare to logical laws. Now: 5 men 0=1, T=0, 0+0=0, etc. D= E0513, all the laws (p.753) and ask: what is really needed? x = x = xShavi X. (x+g)=(x+o)-(x+g))  $= \chi + (0.5)$ = X+0 absorphia is a syproduct of other laws.

