P) a) (xyz)+(xyz)+(xyz)+(xyz) (3+g+z)(x+y+x)(x+y+x)(x+y+x) 77447447 7444744747 7444744747 a) x (x yz)+(xyz)+(xyz)+(xyz)+(xyz) True when the truth table is a DNF form WTFTFFFT Z FFFTFFFT Z FFFTFFFT Z FFFTFFFT Z FFFTFFT Z FFFT Z FFT Z F (249+2)(249+2)(249+2) Negation of all the false output when is a CNF form

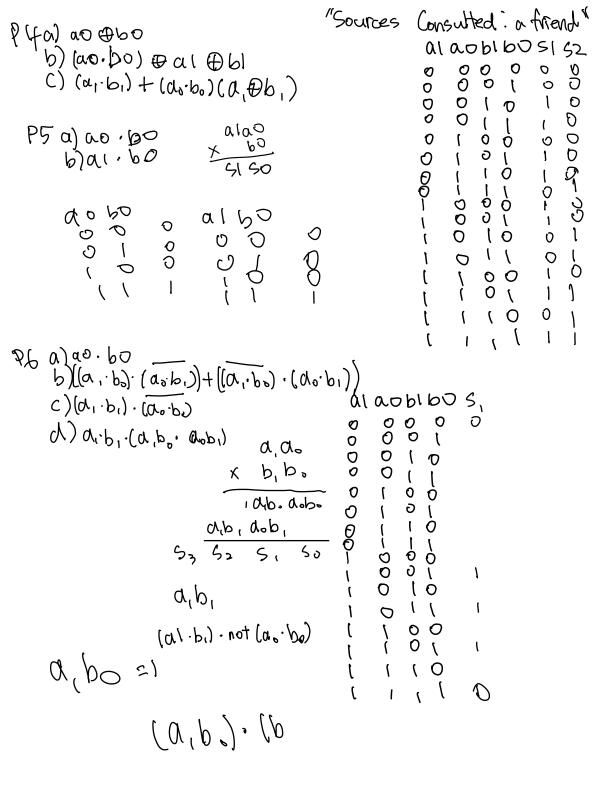
Promplem Set 3

= x.(wg). 2+2w

= $(\overline{\chi}.(\overline{w}.\overline{y}).\overline{z}.\overline{zw})$

P/ x(wty) = +2w a.b= at6

"Sources Consulted: None "



not a and b

not a and b

a b

b) [al == b1) (ab - b0) H (al . bl)

when al (b) / al=bl and ab(b)

when $a1 \langle b1 \rangle | a1=b1 \text{ and } ab \langle b0 \rangle$ (a) $(a2=b2)\cdot(a1\cdot b1)+(a2=b2)\cdot(a5\cdot b0)$

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(0/2.82)+[