





I3+ Iy - I5=0 -I, - I2 + I5 =0 V, = I, R, V2 = J2 R2 V2 = J3 P3 U4 = July V5 - JFRC 4V=Jyhy+J, Lz+Irhs -4U= I, R, + I, R, + I, R, I5-I, t12 a)? b) V=12 V c) even though Still a battery these. d) 1) 53) 1 3 man = 00 = 1 m = 1.38 A V5- IR= 1.3 x A.S.D= 642 V V80 = (18-6.92V)  $p = V^2 - (18 - 6.92 \text{ V})^2 - 48$ -4N= V, +V5+V2 1) P=IV= (1-38A)(18V) - 124.8 W



