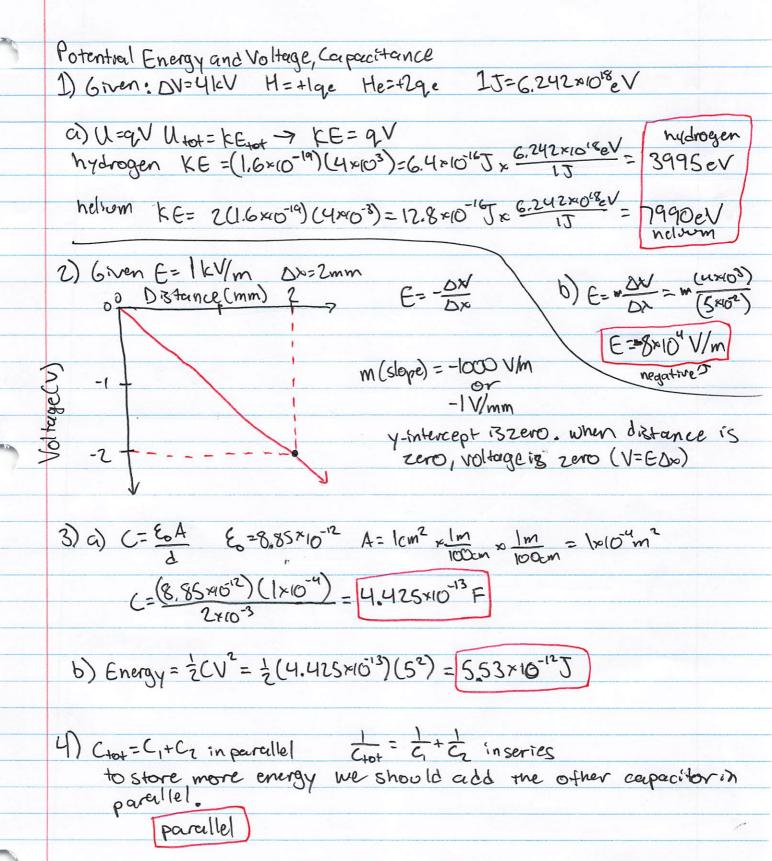
Spromumor S/WSH'Z=20) 91-01メ17 (25,1812)(Prompril) - (8,p)(2121,25) Fuet = Fg- Fe - Mg - gc - mg - gc P-0×PT, H=P1-0×2,1-P1-01×PE,3=5p=9-p b) ence removed g= # of electrons(n) x charge of electron(e) g= n e 2) 61ver: mass=4×10-16kg E=6131.25 N/L

e) F=q,E F=mg (weight) > mg=q,E q= (4×10-16) (9,8) E= \frac{kq}{\72} = E= \frac{k3q}{\72} \quad \qu 6) E= 8,00×10×3 V/m g=1.00 E=3 cuten g=3ml mmsto 6, 94 5mm (0.005m) is ?

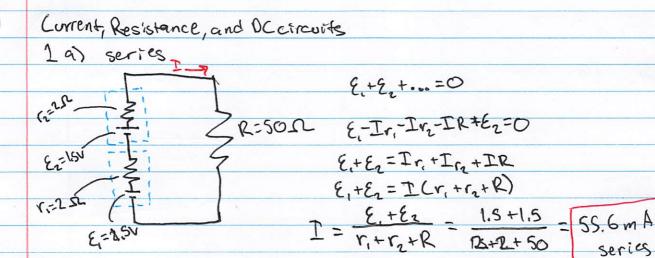
(90,00) (90,000) is ?

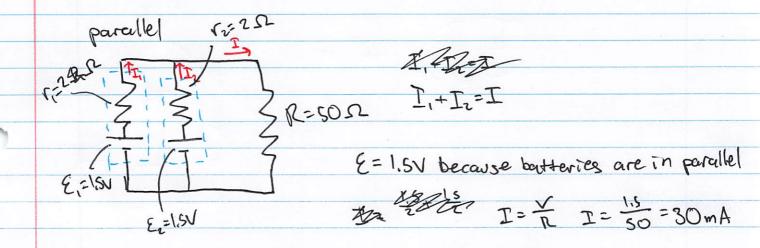
(90 01= 5, 72 ×10-19 1) a) 6=2,00 mos 4 1mm or 00001m Electric Change and Clecture Fields M25.twm Mason Lebby

Mason Leboy 100.0) (0,000) -0-10 (0,000) Es 7 = Es 7 changes stores greater so Es 3 + house m/V 01×0.NS = 8×(501+8) a) F=q.E F=mg(weight) = mg=qE qo ===== 1-0×6-1-6×0-4-1-0×0-4-1-10×0-4 From Partie ma as 19 6 on my 2.45m/2 Logardiago (440,000) - (8. 1440,000) (8.31.25)



1) Gren: Malley Hattas Hestlas We say there ken a kee al 43,00 kg Mydrogen KE = (1,6×10-19)(4×10)=64×10-197 x 6.41×10-164 2) Gran E-16/m Oxerman MV COOL = (Gyole) M man VI-The report is zero when distruction is b) Energy= 200 = 2(4.415464)(5)= 5,53×10-1-J to store more every we should add the other capacitorin





b) series 
$$P=IV$$
  $P=(SS.6w10^{-3})(3)=[166.8mW]$ 
 $V_{tot}=V_1+V_2$ 
 $Parallel\ P=IV\ P=(30×10^{-3})(1.5)=[45mW]$ 
 $V_{tot}=1.5U$ 

0= 1+ 8+8 0-23+3F-17-17-3 NOS-3 I = 11.5 RAL+ 50 202012 8 = 1.5V because butteries are in Jellerios 18 To T I 50 = 3 Wm8 221 = (8)(50102)=9 JUL, VELLY

