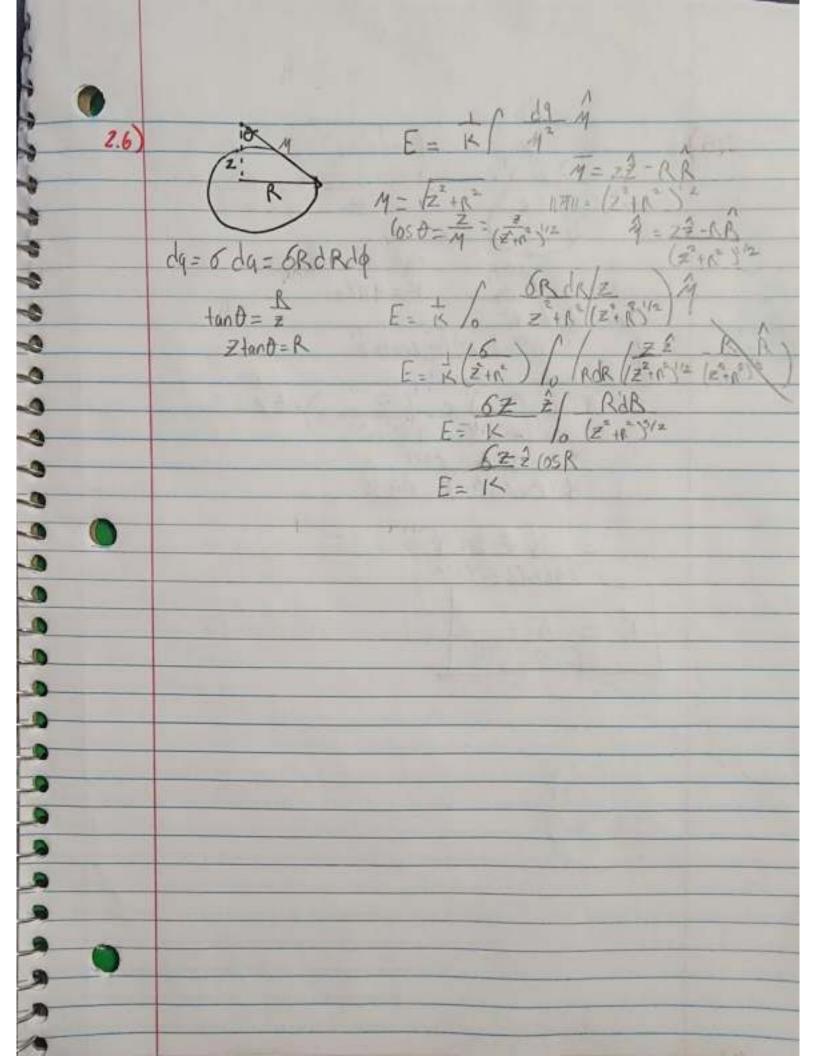
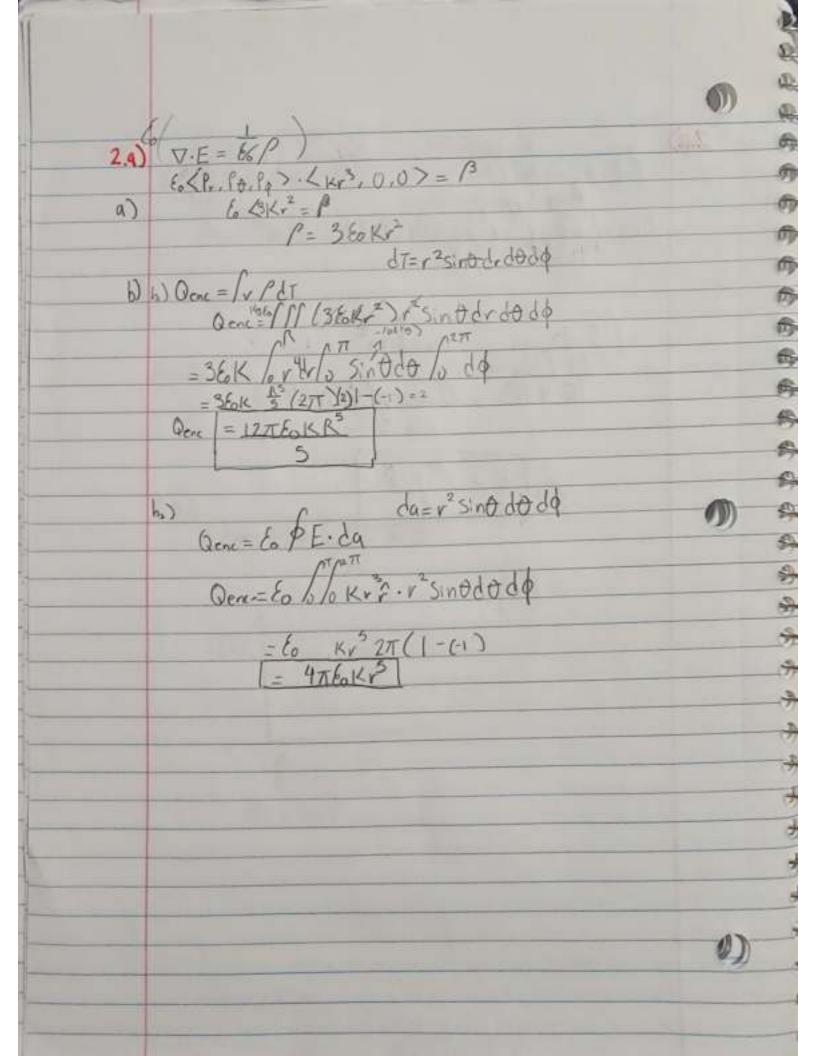
$R = \sqrt{z^2 + y^2}$ $\cos\theta = \frac{Z}{R} = \frac{Z}{\sqrt{z^2 + y^2}}$ 2.5 $dy = \lambda dl = \lambda x d\theta$ $K = 4\pi \epsilon_0$ = Nr Z (2K) Z





1, 5, 5, 2.12) 1 Dens r2 Sinodrdodo E0 3 3 80

2.16) I & E.da = Q enc -> Cylinder E. 4752 = 6 PAS2 Qe- Prael E1= ps 260 E(4152)= 60/12 = E= P62

E(4152)= 60/122 57b E(2πsL)= 1 = 0 (E) No clue?

