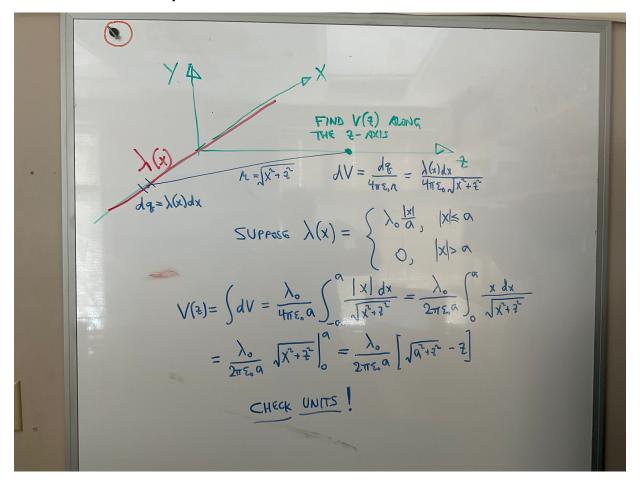
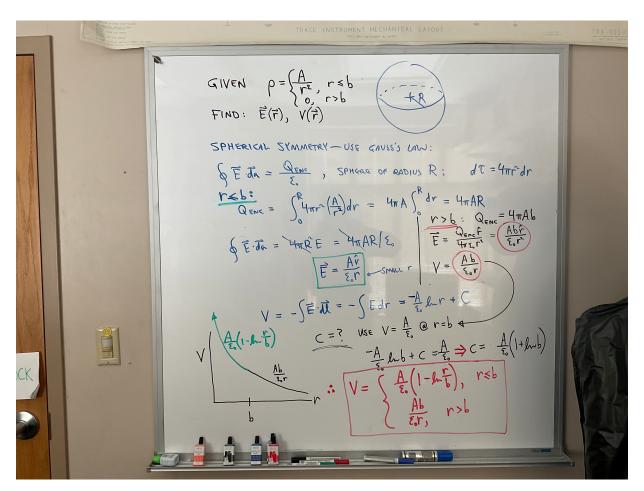
## **Review of Ch 2, Electrostatics**





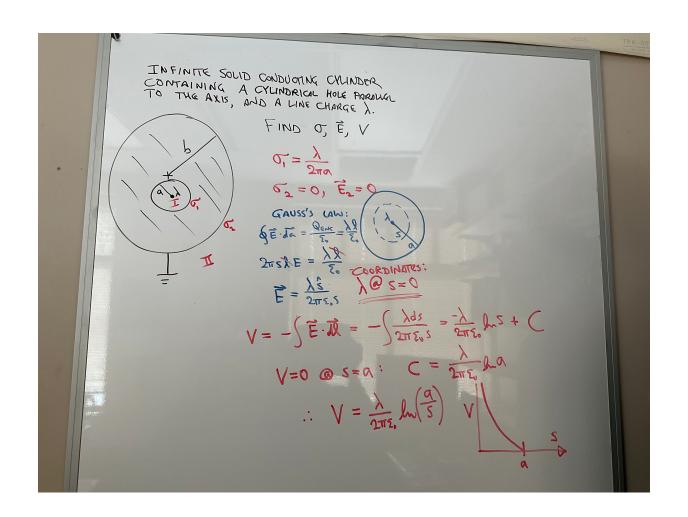
How would you find the energy in the above problem?

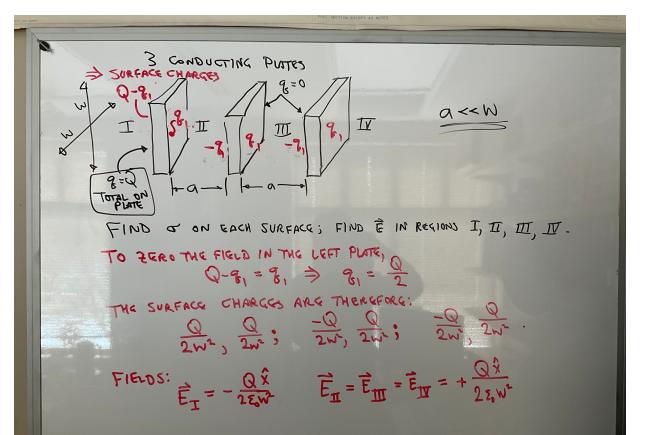
Which is easier?

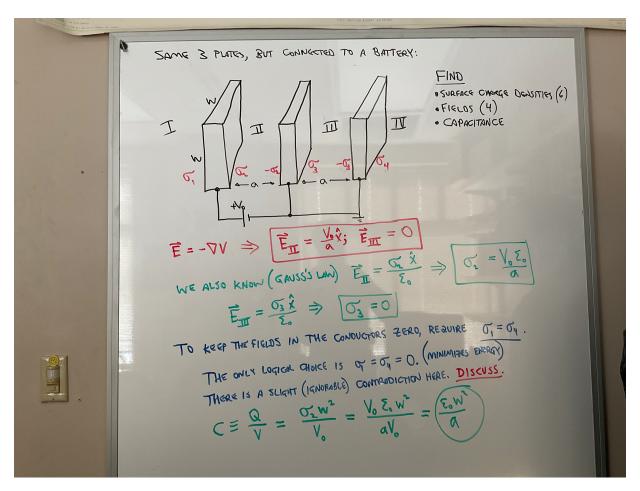
Which is easier?

Only need the inside

of the sphere for outside)







How about energy? You could integate the field, but it's easier to use  $W = CV^2/2$ .