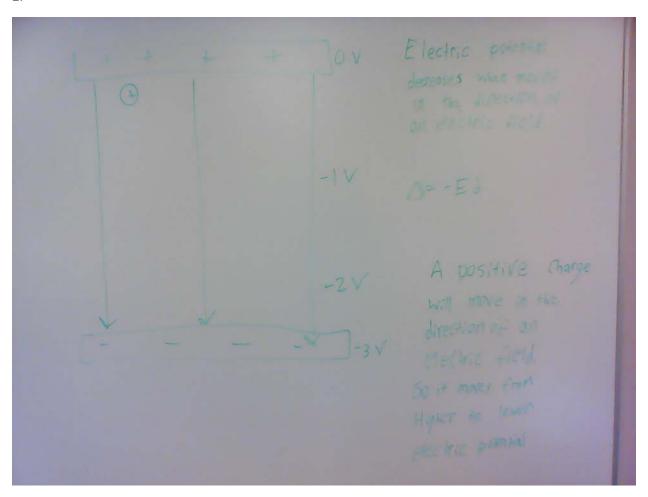
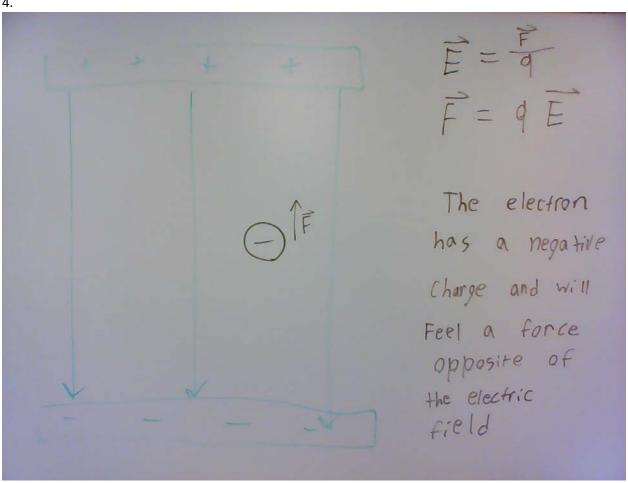
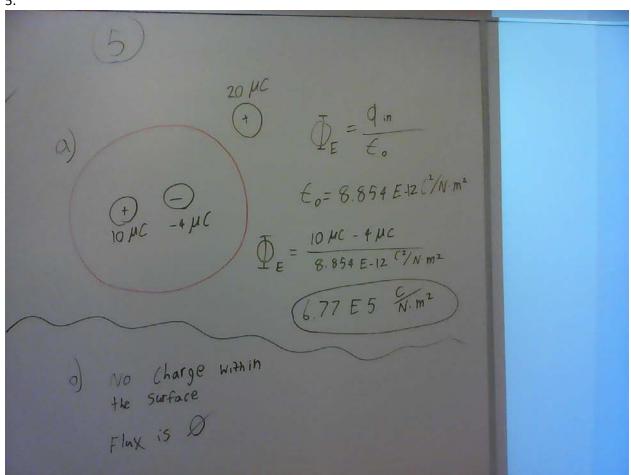
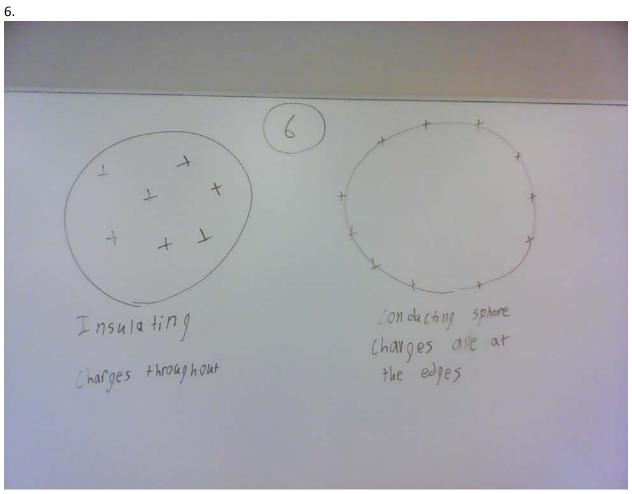
1. Opposite charges, Quantized and conserved.



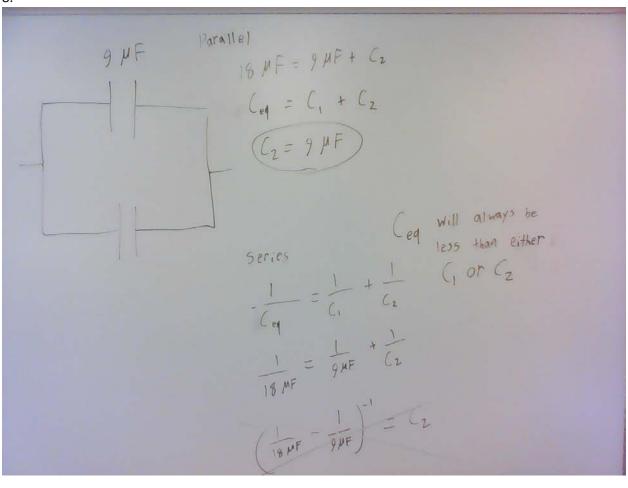


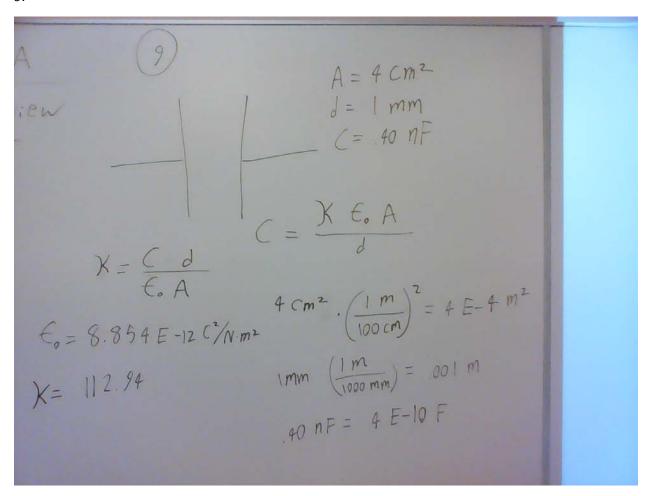


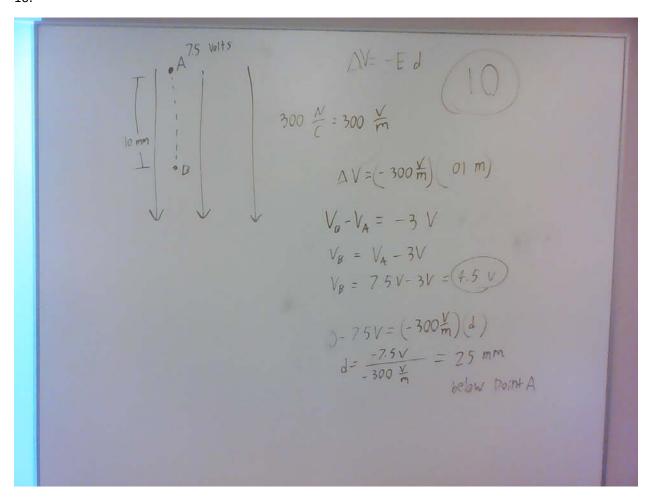


$$\frac{200 \text{ m}}{\text{m}} = 200 \frac{N}{C}$$

$$\frac{1}{\text{F}} = 0$$







$$\Delta V = \frac{-c}{ds}$$

$$\Delta V = \frac{-c}{ds}$$

$$E_x = \frac{-3V}{\partial x} = \frac{-35}{y^2}$$

$$E_y = \frac{-3V}{\partial y} = -(-2)(35x)(y^{-3})$$

$$E_z = \frac{-3V}{2} = \frac{-70x}{y^3}$$

