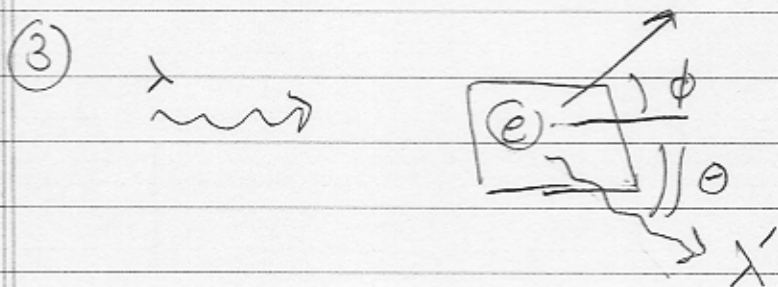
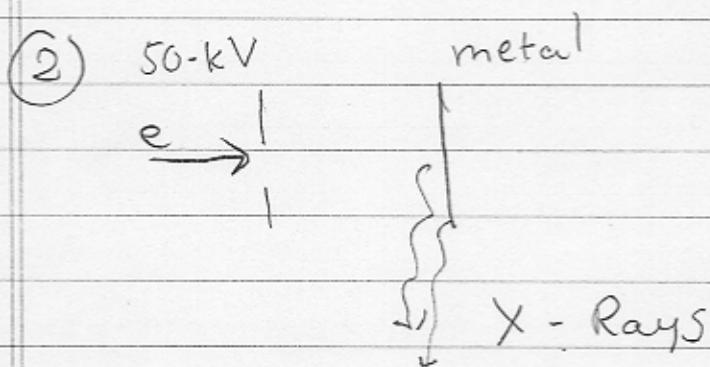


Last Time

① Photons

$$E = h\nu \quad \leftarrow \text{sorry I used to use } f \text{ but now I follow the book}$$



$$\lambda' = \lambda + \frac{h}{m_e c} (1 - \cos\theta)$$

$\frac{h}{m_e c}$ = Compton wavelength, only combo of h, m_e, c which has units length. This is the size of the electron