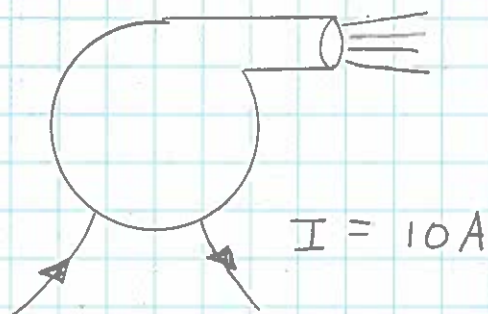


Hair Dryer



$$I = e i_e \Rightarrow i_e = \frac{I}{e} = 6.25 \times 10^{19} \frac{\text{electron}}{s}$$

So for $\Delta t = 5 \text{ min} = 300 \text{ s}$

$$\text{Number of electron, } N = i_e \Delta t = \underline{1.875 \times 10^{22}}$$

