kinetic Energy
$$E_{K} = 22.5 \text{ eV}$$

= $(22.5 \times 1.602 \times 10^{-19})$ $= 3.6045 \times 10^{-18}$ $= 3.6045 \times 10^{-18}$ $= 3.6045 \times 10^{-18}$

$$= \sqrt{\frac{2E_{k}}{m}}$$

$$= \sqrt{\frac{2\times 3.6045\times 10^{-18}}{9.1\times 10^{-31}}}$$

magnetic force = Contripetal force

$$=$$
 $\frac{1}{2}$ $\frac{1}{2}$

RICKS. 6 XIO

and Story I've

$$\frac{1}{2} = \frac{m(\sqrt{\sin \theta})}{28 \sqrt{\sin \theta}} = \frac{m \sqrt{\sin \theta}}{28 \sqrt{\sin \theta}}$$

$$=340\times10^{-2}=3\times10^{-2}$$
 m

$$T = \frac{2\pi n}{V \sin \theta}$$

$$=\frac{277\times3.8\times10^{-2}}{2.81\times10^{6}}$$

$$V' = V \cos_4 \theta$$

= 2.81 × 106 Co4 90
= 9.61 × 105 mg-1

$$P = V'T$$

= 9.61×105 x >.1×10-8
= 6.82×10-2

$$V = 2.81 \times 10^6 \text{ms} - 1$$

magnetic force = Centripetal Force

$$=\frac{m(sino)}{n}$$

$$\frac{1}{2}$$
 $\frac{1}{2}$ $\frac{1}$

$$= V^{\prime\prime\prime} = V^{\prime\prime} = V^{\prime\prime} = 2.81 \times 10^{6} \cos 90$$

$$= 0$$

$$P = v'' T$$

$$= 0 \times T$$

$$= 0$$