$$dit = v \cdot t$$

$$dist = \frac{\pi v}{v} = \frac{\pi v}{(88)} r$$

$$t = \frac{\pi}{8}$$

$$< 1.86 \times 10^{-8}$$
 5

$$\mathcal{V} = \left(\frac{gB}{m}\right) \Upsilon$$

$$= 3.376 \times 10^6 \text{ m/s}$$