Radius of circular motion:

$$R = \frac{mv}{q\mathrm{B}}$$

Cyclotron frequency:

$$\omega_c = \frac{q\mathrm{B}}{m}$$

Angular velocity, linear velocity relationship:

$$\omega_c = \frac{v}{R}$$

Centripetal acceleration:

$$a_c = \frac{v^2}{R}$$

Period, velocities relationship

$$T = \frac{2\pi}{\omega_c} = \frac{2\pi R}{v}$$