$$v_f = v_i\, t$$

$$\omega_f = \omega_i\, t$$

$$\vec{F} = m\,\vec{a}$$

$$\vec{\tau} = I\,\vec{\alpha}$$

$$\vec{F} = \frac{d\vec{p}}{dt}$$

$$\vec{\tau} = \frac{d\vec{L}}{dt}$$

$$\vec{p} = m\,\vec{v}$$

$$\vec{L} = I\,\vec{\omega}$$

$$\vec{L} = I\,\vec{\omega} \qquad \text{(just like } \vec{p} = m\,\vec{v}\text{)}$$

$$\vec{L} = \vec{r} \times \vec{p}$$

$$\frac{d\vec{p}}{dt} = m\frac{d\vec{v}}{dt} = m\vec{a} = \vec{F}$$

$$\frac{d\vec{L}}{dt} = I\frac{d\vec{\omega}}{dt} = I\vec{\alpha} = \vec{\tau}$$

$$|L| = |r|\,|p|\,\sin(\theta)$$