



$$\text{slope} = \frac{F}{m} = \frac{F}{v^2} = \frac{F}{\frac{1}{r}} = F_r$$

$$F_c = \frac{mv^2}{r}$$

$$\left[\frac{\log \frac{m^2/s^2}{m}}{m} = \frac{\log m}{s^2} \right]$$

centripetal
force

Equation sheet:

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

Centripetal
acceleration

$$F_c = ma_c$$

