Notes 10/30/24 $a = \Delta V = V - VO$ $\Delta t = \Delta t$ The acception is all towards the middle of the circle au - Contripital force - is any force The direction of the net force = 2 Keeping an object in the is the direction of the acceleration = mail middle. Fizmy Coefficient of Friction Fm = M.FL Coefficient men formal force of Friction There is always some value to the centripital forces, are they acting on a fight angle? And What force must be acting on the object to Keep it in the Calter For the lab Find a point Where the tension in the string myz goes to zero. Te ac fg=mag The period is the time to cover a distance IF we have the mass, Rudius, and force of gravity we can predict the velocity and period V=LITCUM Veriod is Measured in (sec) Persia is Frequency Hlways in Meters, Seconds, and Kilograms

0

2

1

1

1

10

1

2