

Equilibrium (na motion) Fret = 0 Tret = 0 · if object is spinning, pivot is obvious . if at rest, any pivot will do pivot is a mathematical thing.
not recessorily or physical object like a hinge eg/ prot wooden black
gravity acts
at center of mass · normal force acts somewhere on surface of contact Iw = rFsing = O b/c r=0 TN = 0 6/c \$= 180° [7] N 5in 180 = 0.