

Why things spin or donit spin! when Soras an bellenced w=o there is no acceleration W=constant = constant forces with balanced it speeds stopped UP or WL 510 5005 wn W=0

Scenario 8 The closer you and to the pivot point the more for a you mad to stop the spin lorque = Turning force

## RQ: If i apply a constant torque and I want to balance it, what is the relationship between the force I use and the distance from the pivot point.