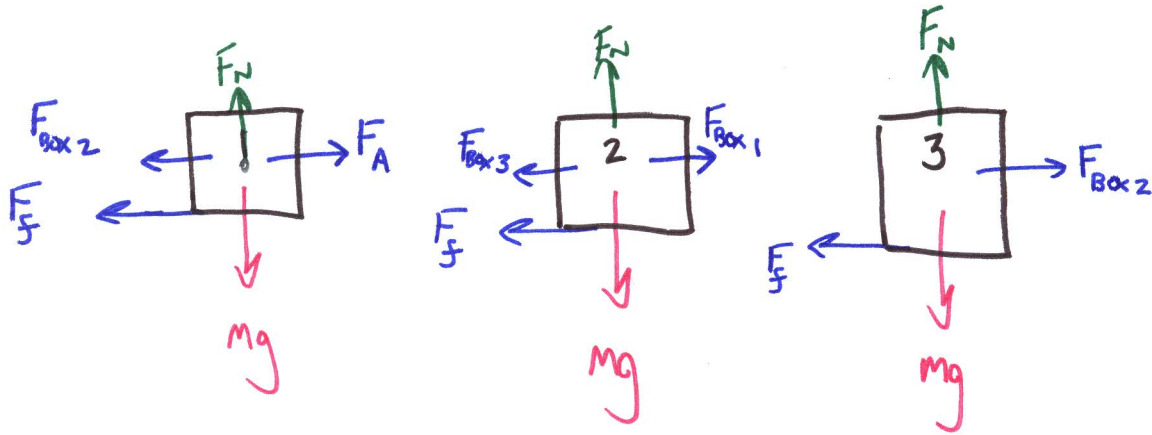
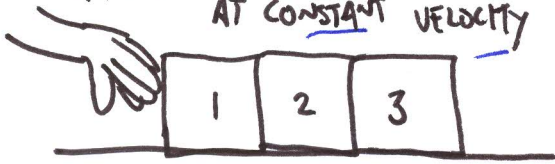
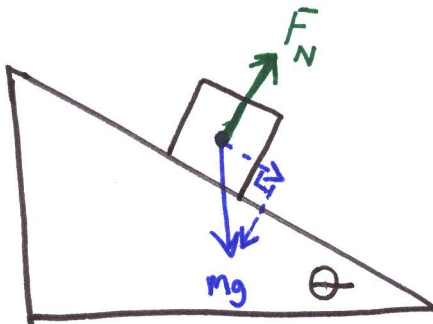


PRACTICE FBD.

HAND PUSHES 3 BOXES ACROSS TABLE AT CONSTANT VELOCITY



RAMP PROBLEMS



ROTATE OUR AXIS



SO WE NEED TO FIND COMPONENTS OF mg : DOWN RAMP (x) PERPENDICULAR TO RAMP (y)

COMPONENT DOWN THE RAMP: $mg \sin \theta$

COMPONENT \perp INTO THE RAMP: $mg \cos \theta$

