HW 9-7 Soln)

Find = I when  = 3.5 rad/s2

a)
From previous problem, I = 148 kg m2
= 148\*1.5 = 518 Nm
b)
From previous problem, I = 52 kg m2
= 52\*1.5 = 182 Nm
c)
From previous problem, I = 200 kg m2
= 200\*3.5 = 700 Nm