REMINDERS

- Quiz tomorrow (Thursday) there will be no pulley question
- Unit Test Monday, October 31
- Read Sections 4.4 and 4.5 (pages 179 188)
 - Fair game for MC questions on test
- A few questions to prepare for quiz
 - Pg. 200 # 34, 36-38
- Test prep



Use $3k_9$ Mass

For $F_T = F_S$ For $F_T = V_S F_N$ $V_S = V_S F_N = V_S =$

Pg 166 #2 m= 36 kg a) constant velocity 12 m/s [1] Fr = Fg
Fr = mg Fg Fn = (36 kg) (9.8 m) F. = 350 N[1] b) constant velocity 14 m/s [J]

Fin = 350 N[N]

Fig = 4 c) accelerating down at 1.8 m/s $= F_0 - F_N = F_0 - F_0 - F_N = F_0 - F_0 -$

FN = Fq - FNET FN = mg - ma $F_N = m(q-\alpha)$ Fn = 36kg (9.8 m/s2-1.8 m) FN = (36 kg) 8 m/s2) Fn = 288 N [1] Prep for test! Reread 4.1 Pg 166 # 1,3,4