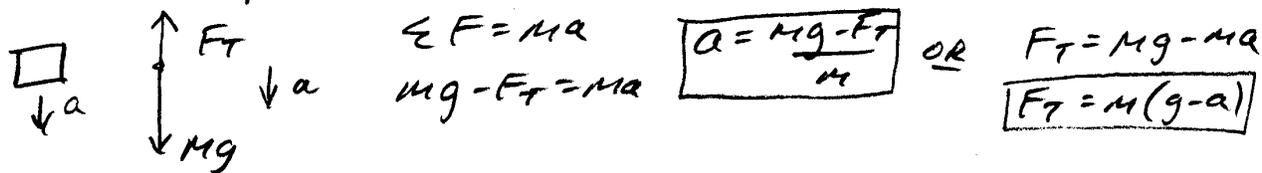
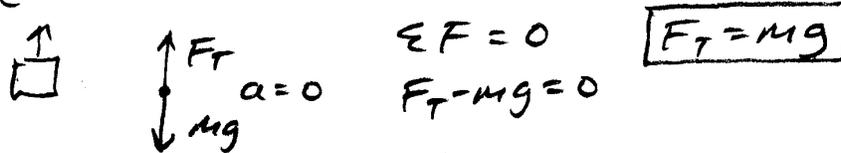


8) Elevator problem - Going down!

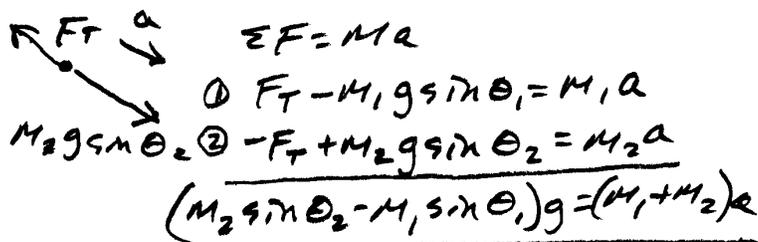
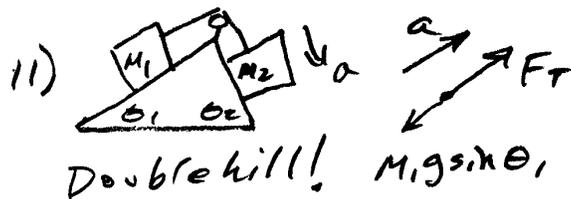
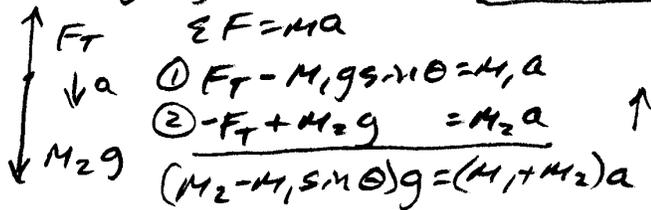
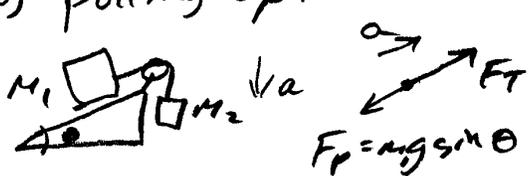


9) Elevator - constant speed



10) pulling up incline with hanging mass

$$a = \frac{(M_2 - M_1 \sin \theta)g}{M_1 + M_2}$$



$$a = \frac{(M_2 \sin \theta_2 - M_1 \sin \theta_1)g}{M_1 + M_2}$$