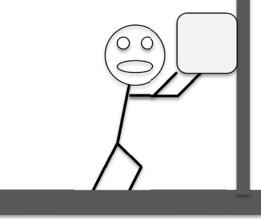
The person on the right exerts a 540 N force on the 80 KG block at an angle of  $35^0$  above the horizontal. The coefficient of friction is (0.3, 0.6).



Free Body Diagram

**Mathematical Analysis**