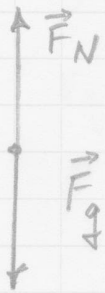
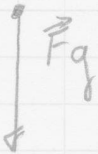


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1. a)

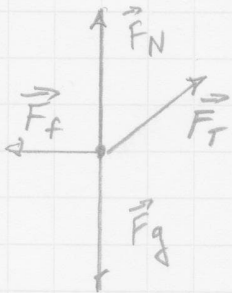


b)

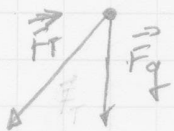


Ignoring air resistance

c)



d)

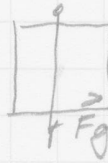


2. a)



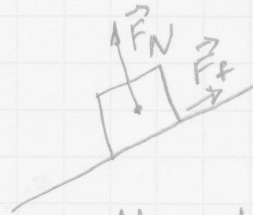
Static Friction

b)



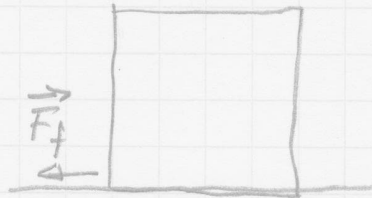
Gravity

c)



Normal Force
Friction Force

d)



Friction force