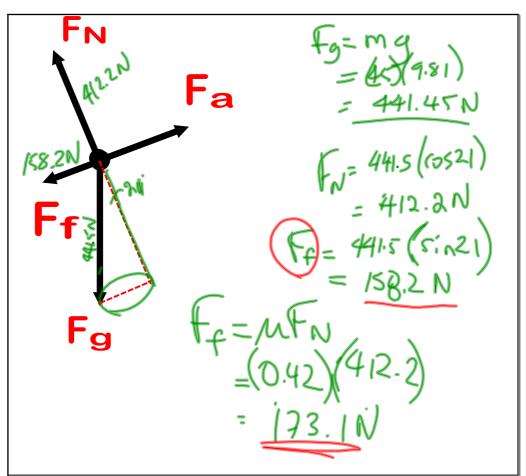


Mar 13-8:37 PM

- 10. A cardboard box (of negligible mass) filled with 45 kg of paper sits on a ramp that makes an angle of 21° with the horizontal. The coefficient of static friction is 0.42.
 - (a) Will the box slide down the ramp? Explain.
 - (b) If not, how much force would you have to apply directly down the ramp to start the box sliding?



Mar 13-8:48 PM