

The Steamin' Demon #1

Complete the following data table.

ave mass of student		height of 1 st (up)hill	
time up 1 st (up)hill		angle of 1 st (up)hill	

1. How long is the 1st (up)hill?
2. Calculate your average speed up the first hill.
3. What is your potential energy at the top of the 1st hill?
4. How much work was needed to move you up the 1st hill?
5. What force was used to move you to the top of the 1st hill?