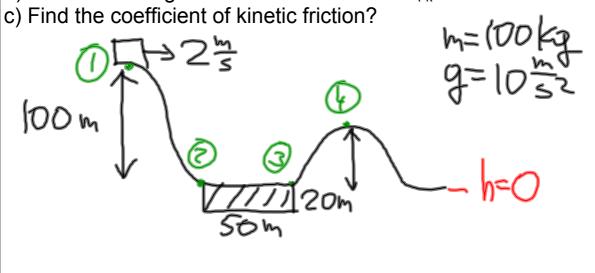
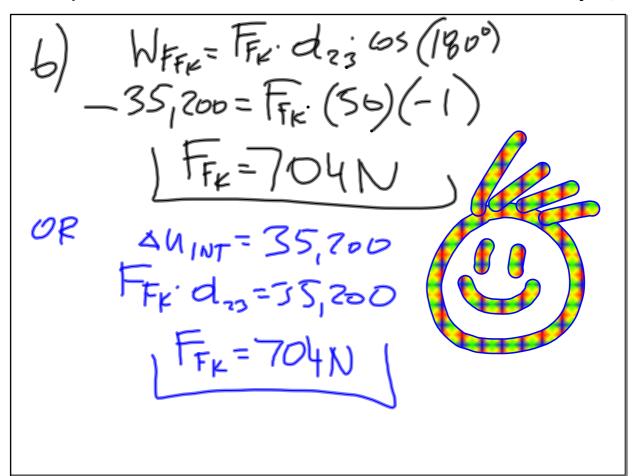
Review/warm-up problem.

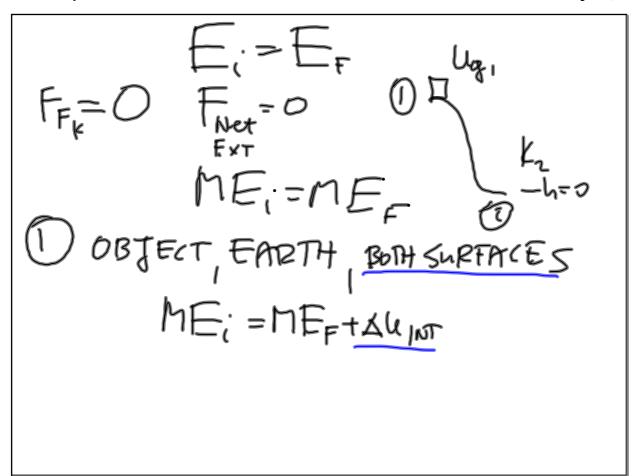
- 1. Find the speed of the cart at the top of the second hill assuming that there is no friction.
- 2. The setup was tested in real life and the speed at the top of the second hill was 30 m/s.
- a) Find the work done by force of friction W_{FFk}?
- b) Find the average force of kinetic friction F_{Fk} ?



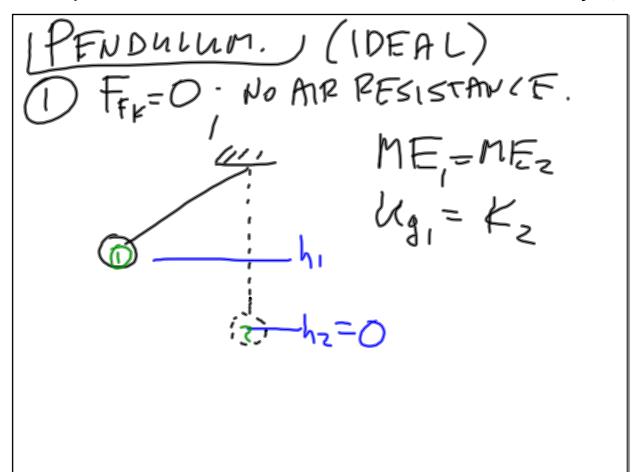
Jan 12-9:37 AM



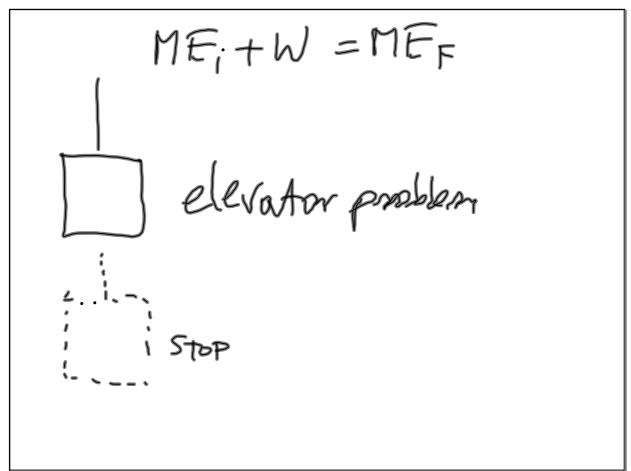
Jan 12-10:09 AM



Jan 12-10:25 AM



Jan 12-10:34 AM



Jan 12-10:40 AM