

119 - Work on a Ramp Experiment

Purpose: To analyze the work done in pulling a mass up a ramp and to compare this work to the work done in direct lifting.

Materials: Ramp, box, masses, spring scales, angle indicator

Proceudre:

Data and Calculations :

30° Angle
Work done on ramp

Work done for direct lifting

45° Angle
Work done on ramp

Work done for direct lifting

60° Angle
Work done on ramp

Work done for direct lifting

Conclusion: