

Energy Pie Charts

Remember there are only three storage bins of energy at this time: E_g , E_{int} , and E_k . For each of the situations make a system schema and an energy pie chart for the system.

1) A box slides down a hill and comes to rest after traveling some distance along the flat part.

2) A book is sliding across a table. The book stops after it has traveled some distance.

3) An ice skater glides across very smooth ice.