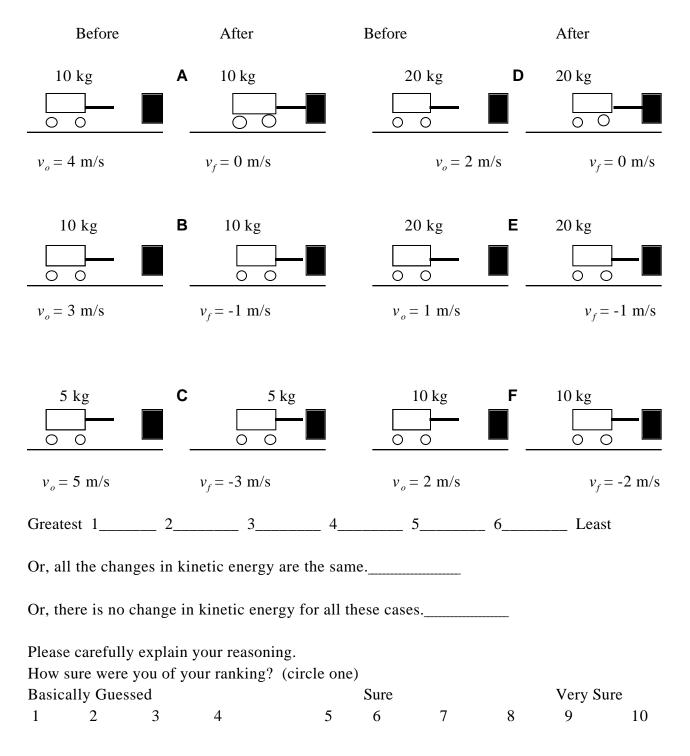
Bouncing Cart—Change in Kinetic Energy 60

A cart with a spring plunger runs into a fixed barrier. The mass of the cart, its velocity just before impact with the barrier, and its velocity right after collision are given in each figure.

Rank the change in kinetic energy for each cart from the greatest change in kinetic energy to the least change in kinetic energy (+ direction is to the right and - to the left, with -4 < -2).



Physics Ranking Tasks