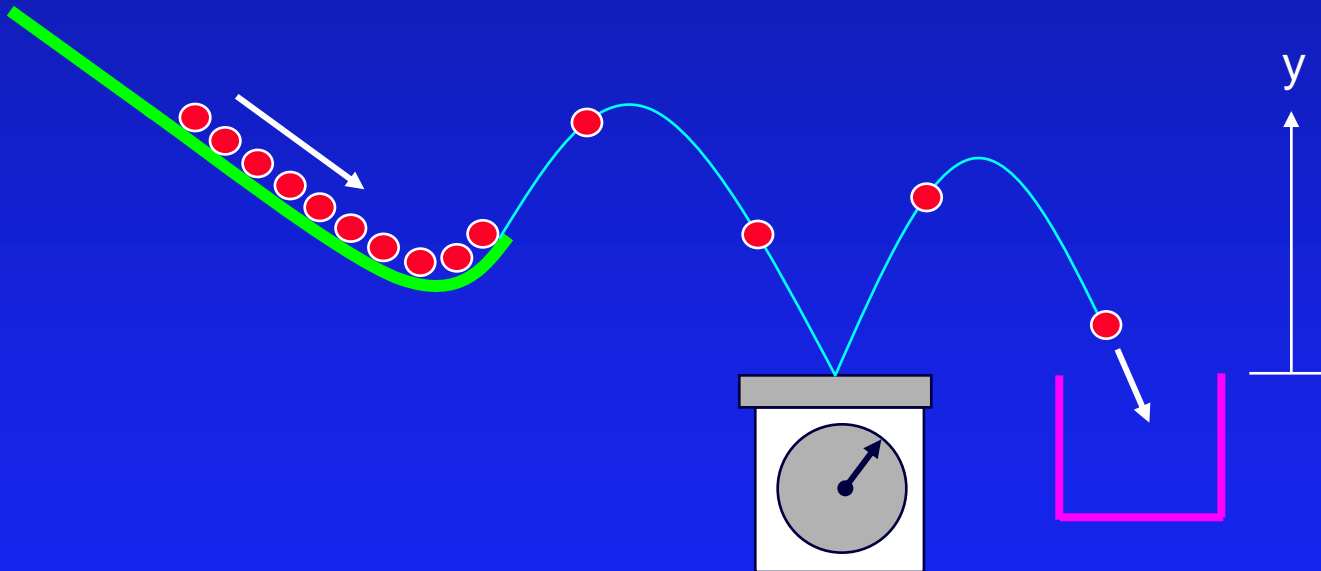
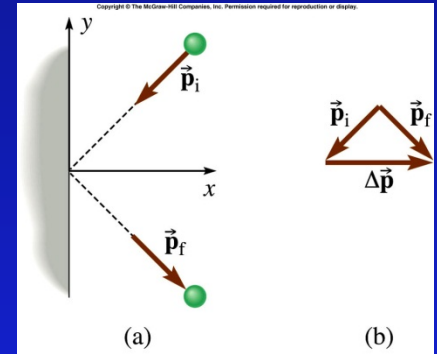


# Qualitative Demonstration of Pressure

- Force due to molecules of fluid colliding with container.
  - Impulse =  $\Delta p$
- Average Pressure =  $F / A$



$$\text{average vertical force} = \langle f_y \rangle = \frac{\Delta p_y}{\Delta t} = \frac{\Delta(mv_y)}{\Delta t}$$