

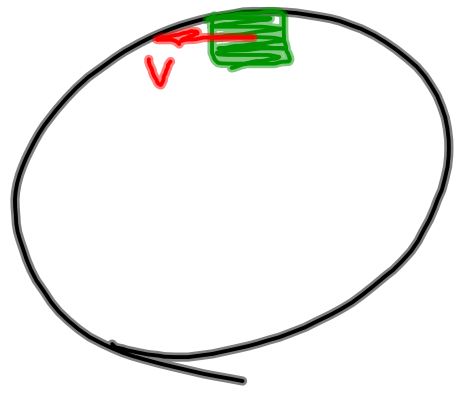
Qs on MP? (~10 minutes)

LAB: Kinetic Energy in Collisions

- groups of two
- today and tomorrow
- no lab report

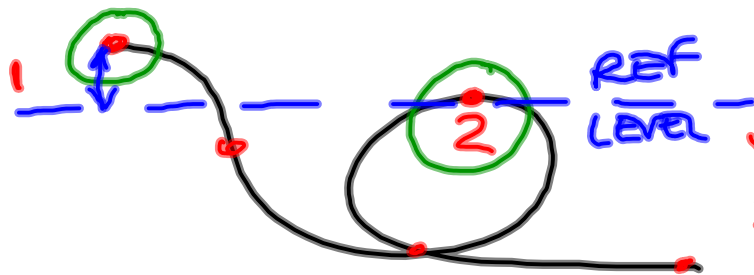


LOOP THE LOOP



$$\cancel{m}g = \cancel{m} \frac{v^2}{R}$$

$$v = \sqrt{gR}$$



$$E_1 + W_{nc} = E_2$$

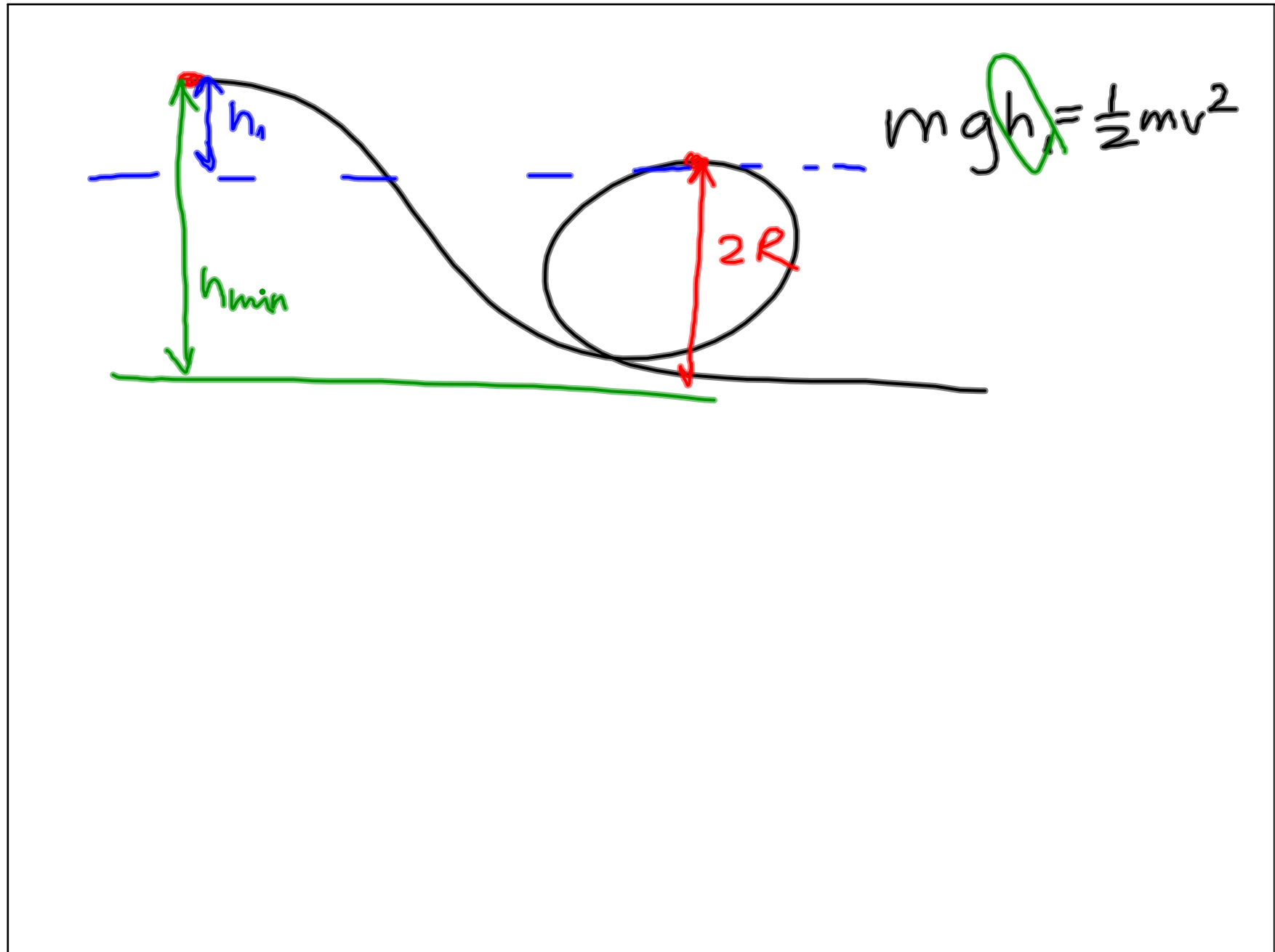
$$\cancel{K_1} + U_{g1} + \cancel{U_{s1}} + \cancel{W_{nc}} =$$

$$K_2 + \cancel{U_{g2}} + \cancel{U_{s2}}$$

$h - 2R$

$$U_{g1} = K_2$$

$$mgh_1 = K_2$$



Dec 15-11:49 AM