

Height of ball is paraballe function of the.

$$y_A = \frac{{v_o}^2}{2s} - \left(1 - \sqrt{\frac{{v_o}^2}{2s}}\right)^2$$

f Kinemathes: V= Vi2 + Lad

Set Yr= Y8

$$\Theta \left( + - \sqrt{\frac{v_{0}^{2}}{2s}} \right)^{2} = \left( + - \sqrt{\frac{v_{0}^{2}}{2s}} - + - + e \right)^{2}$$

$$\Theta \left( - + + \sqrt{\frac{v_{0}^{2}}{2s}} = + - \sqrt{\frac{v_{0}^{2}}{2s}} - + e \right)$$