# *Parabolic Motion:*

paste_15.tiff ¬

This menu option will construct the proper x and y parametric equations for any parabolic motion.   To do this, velocity and height   information must be filled in the appropriate areas.   Once the "Set" button is pressed, the equations are expressed in the Control window.   For example: initial vertical velocity=5, initial height=10, initial horizontal velocity=20 yields:

x=20*t, y= -4.9*t^2+5*t+10