

Physics Drag Lab

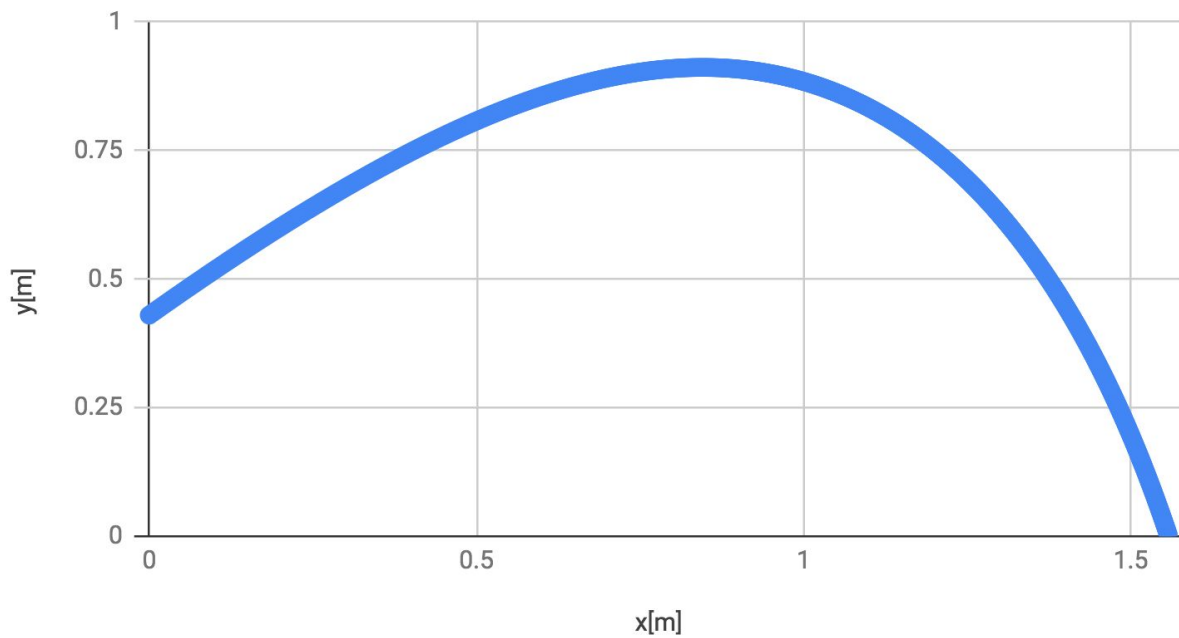
X[m] vs. y[m] graph

Group #1

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Period 3

x[m] vs. y[m]



Initial Conditions:

height = 0.43 meters

speed = 6.85 m/s

angle = 0.733038 radians

C-values:

$c_1 = -0.23919192$

$c_2 = 0.92292951$

Final Prediction:

1.5617532 m