Constants

ΔX	
ΔY	
X_0	0
Y_0	0
Y_1	

Target Height

T	

Experimental Data

H	X_1	V_0

Design data

H	X_1	V_0

Definitions

ΔX	Change in X from bottom of ramp to launch–end	H	Marble release–height, from floor
ΔY	Cup height – table height	V_0	Calculated marble launch velocity
X_0	Launch–end of ramp	X_1	Marble landing point
Y_0	Floor		
Y_1	Cup height + table height		