1.1 CM m10.0 2.20m

DX=0.27m+ 0.01m DX = 0.28m 11 = 0.28

Falls 0.27m DX=Vit+ 20t2 a= -10m/52

VP2-vi2=20.0X MP=Vi+ax

AX= 2.2m-0.27=1.93m VP2 = 200X+Vi2 UF = 1200X + Vi Vitat = 12 aax tuiz

mgh= 2 mv2 gh= 1/2

vf-vi Vitur

14-Vi ZAX Vi + vf

(vitur)(ur-vi) = ZAXA

VF2-Vi2 = 20X0

1.93-0.01m=1.92m

to get to hit the pox, he must compress the spring by