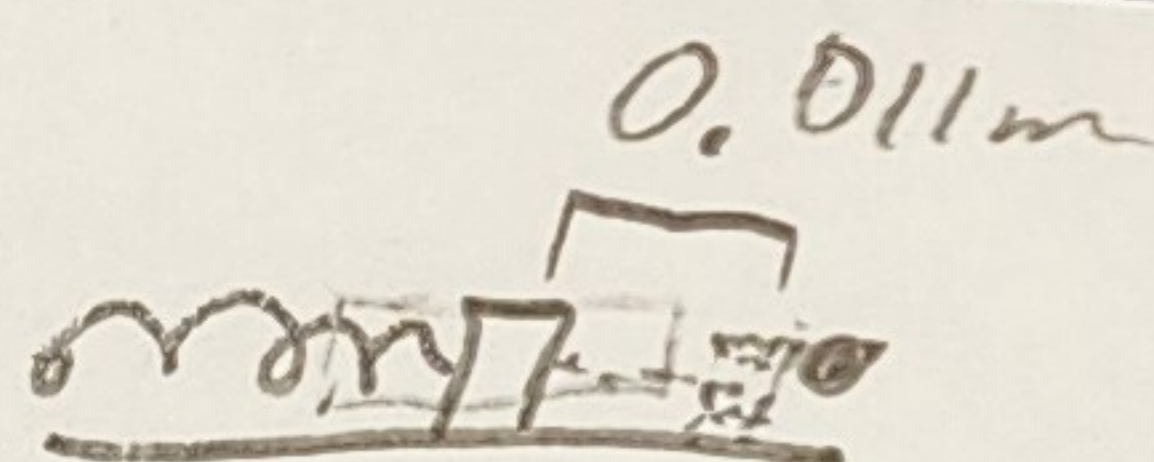
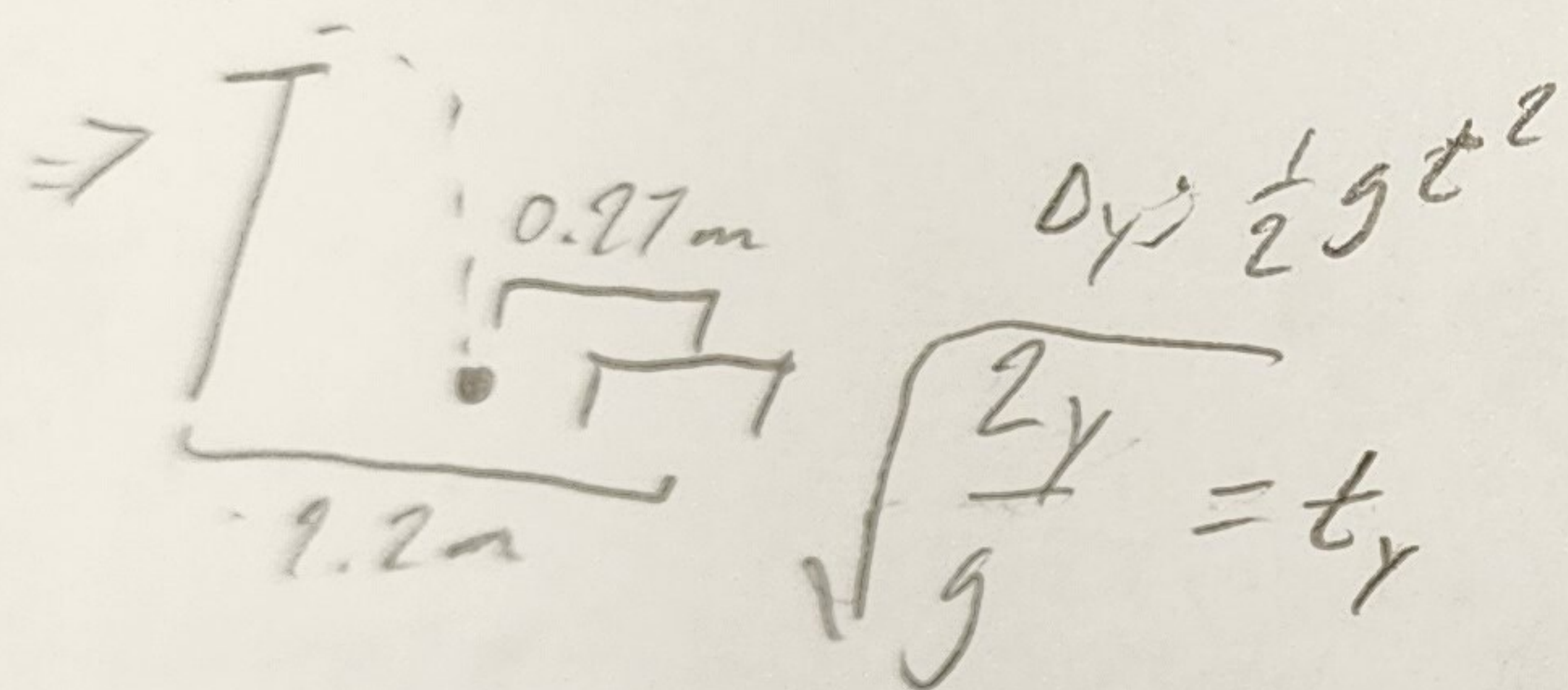
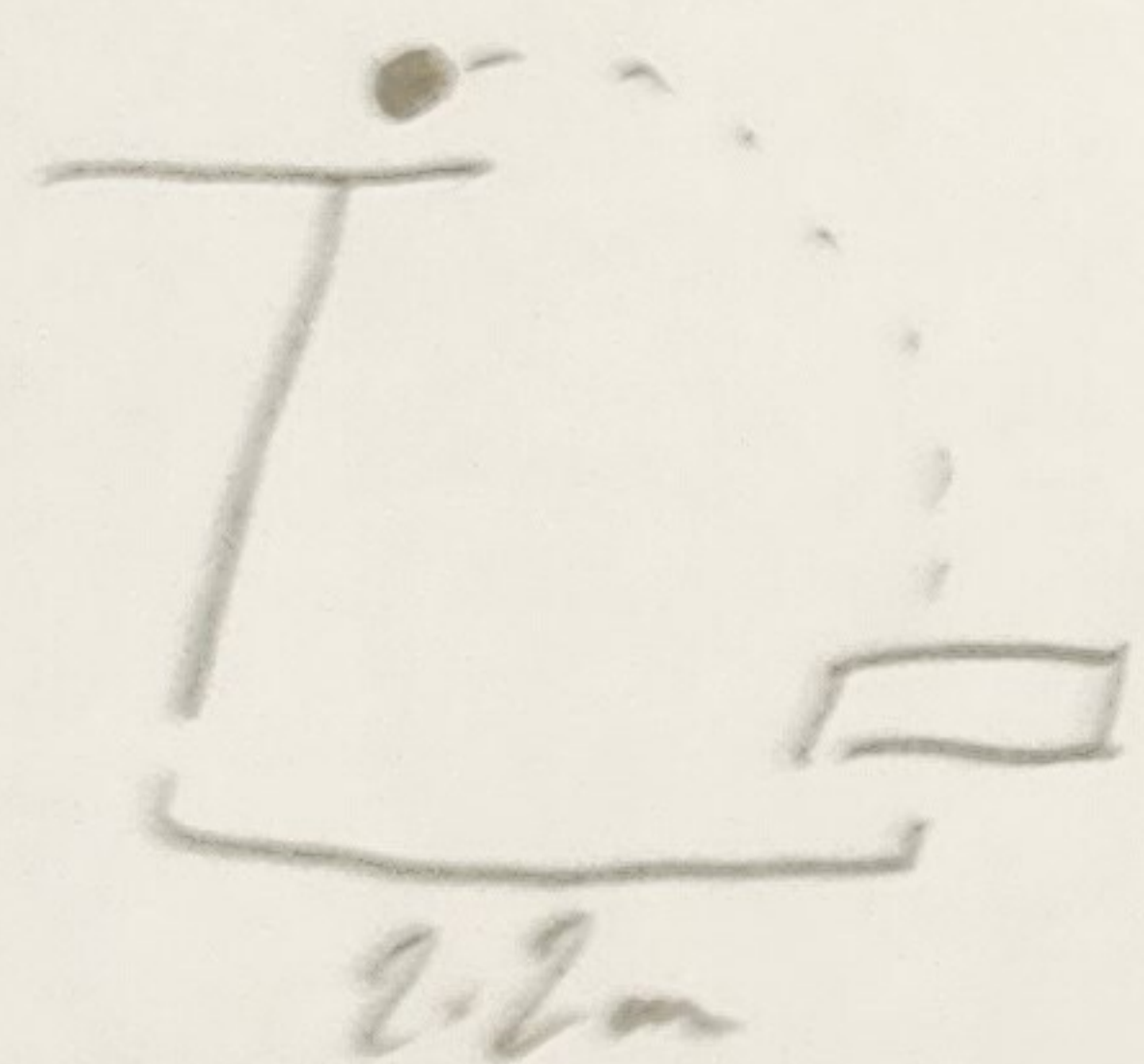


9)



$$X = 2.2m$$

$$X_i = 2.2 - 0.27 = 1.93m = 0.877 = 87.73\%$$

$$\frac{2.2}{1.93} = 1.139896; \Delta X_{\text{compression}} = 1.139 \cdot 0.011 = 1.254cm$$