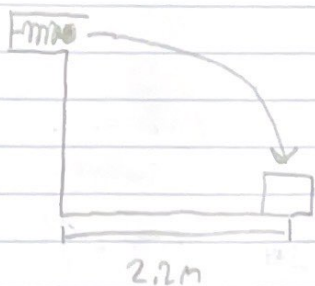


$$K_{Ei} = K_{Ef} \rightarrow$$

q)



$$g = 10 \text{ m/s}^2$$

$$1.1 \text{ cm compressed} = 27 \text{ cm short}$$

$$2.2 \text{ m} - .27 \text{ m} = 1.93 \text{ m}$$

$$\frac{1.1 \text{ cm}}{1.93 \text{ m}} = \frac{x \text{ cm}}{2.2 \text{ m}}$$

$$\frac{1.1(2.2)}{1.93} =$$

$$1.254 \text{ cm}$$

V.a conservation
of Energy