Spring Into and problem

We know that the KE as it leaves is equal to the PE.

Pti - Kt. $\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}}$

AT MINO MY

Now we have for reboity of box as it griss up to samp.

Tormediately, gravity act on it, covering it to lecelerates. How work?

IF=m.

sind my = ma

me know how first He Namby Com

y= Vi+ 2ax

$$0 = \left(\frac{1}{m}\right)^{2} + 2 \left(\frac{1}{m}\right)^{2} \times \frac{1}{m} = -2 \sin \theta = x$$

$$+ \frac{1}{m} = -2 \sin \theta = x$$

$$+ \frac{1}{m} = x$$