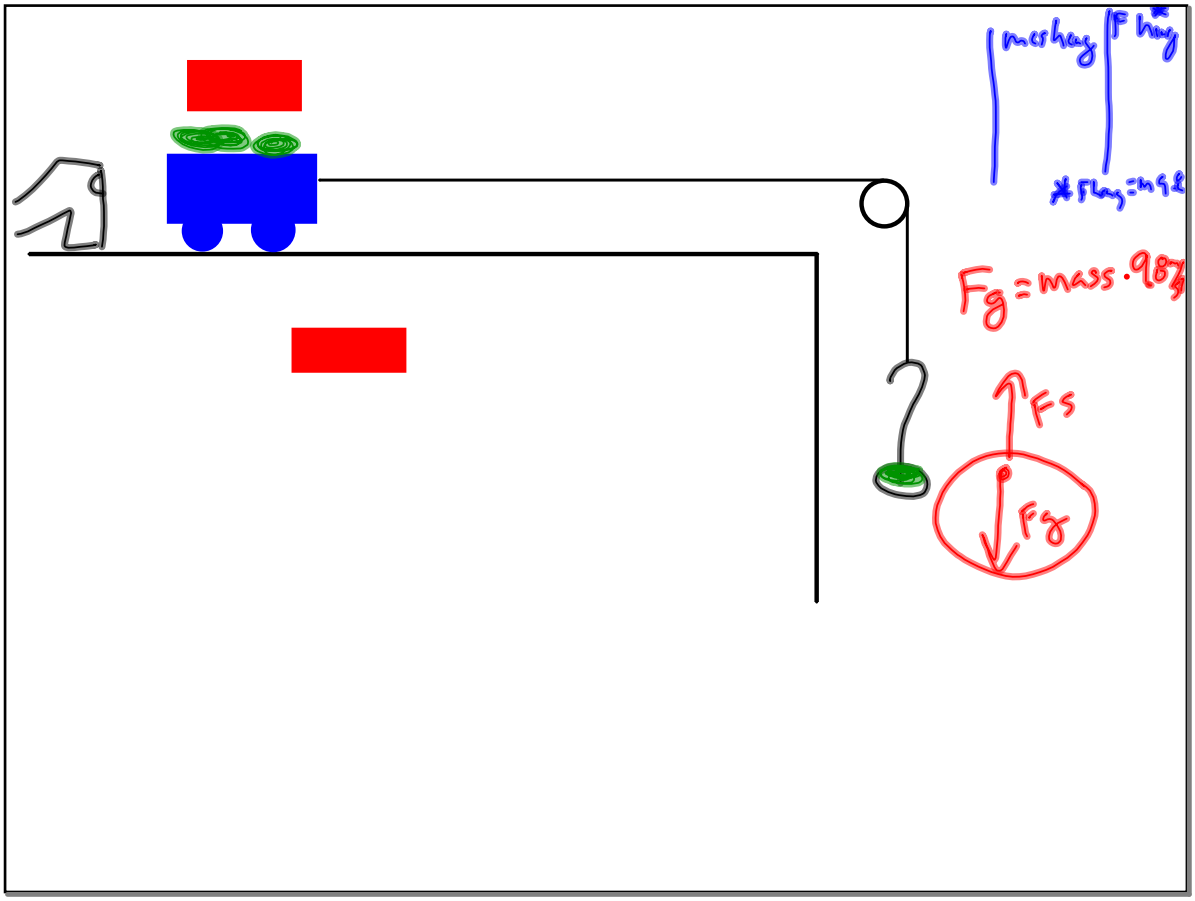

Know your Constants

Multiple trials

$m = 0.150 \pm 0.002 \rightarrow \%U_m = \frac{0.002}{0.150}$

$\%U_{F_g} = \%U_m$

$F_g = m \cdot 9.8\,N/kg$

To find uncertainty of F_g

graph this

$\%U_{F_g}(F_g) = U_{F_g}$