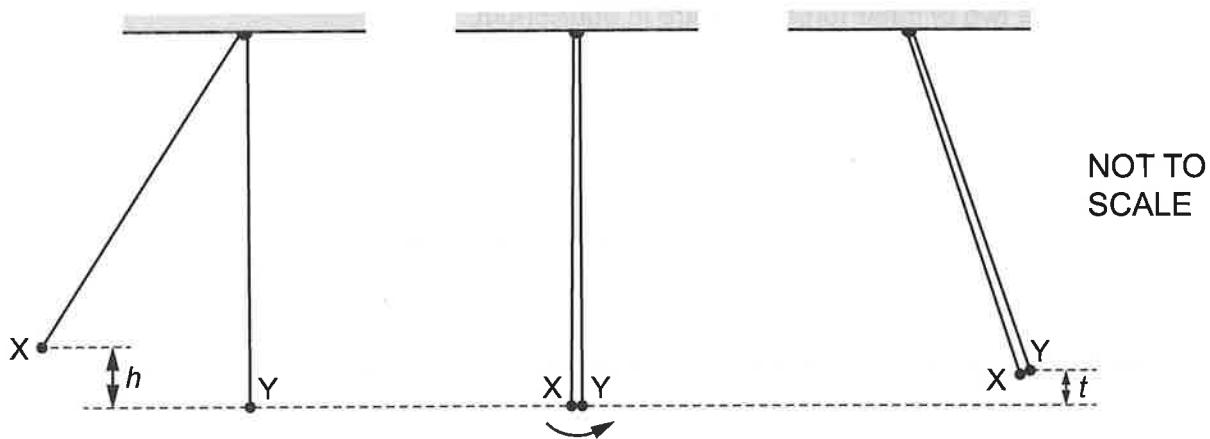


12 Two identical objects X and Y hang from the same support.



X is pulled sideways, displaced through a height h and then released. When it meets Y the two masses join together and rise through a maximum height t .

What is the value of t in terms of h ?

A h

B $\frac{h}{2}$

C $\frac{h}{4}$

D $\frac{h}{8}$

