3

)	Show that $k = \frac{4a}{x-a}$.
•,	Show that $\kappa = x - a$.
th	additional particle, of mass $2m$, is now attached to P and the combined particle is released from receive original equilibrium position of P . When the combined particle has descended a distance $\frac{1}{3}a$, and is $\frac{1}{3}\sqrt{ga}$.
	Find x in terms of a .
,,	