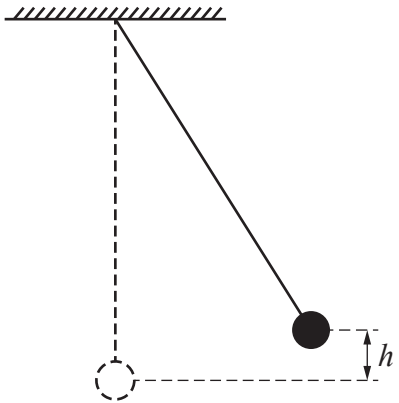
4. A pendulum bob of mass m is released from rest at height h.

The bob reaches a speed v at the lowest point of its swing.



Neglecting air resistance, the speed of the bob at its lowest point is doubled by

A changing the height to $4h$

B changing the height to $2h$

C changing the height to $\frac{h}{2}$

D changing the mass of the bob to $2m$

E changing the mass of the bob to $\frac{m}{2}$.