## Speed of the Bob at the Bottom of the Swing

m

As the bob drops from its initial (perfectly horizontal) position to the bottom of the swing, all of its stored PE is converted to KE. Thus, the speed of the bob at the bottom of the swing is:

a.) *mgr* b.) (

c.) 
$$\sqrt{gr}$$
 d.)  $\sqrt{2gr}$ 

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e.) *gr*