PHYS 211 Sample Test Question

1. State the law of conservation of energy.

2. In the figure, a solid 0.2 kg ball rolls smoothly from rest (starting at height *H* = 5.7 m) until it leaves the horizontal section at the end of the track, at height *h* = 1.8 m.   
Use the conservation of energy to find the velocity of the ball as it leaves the end of track?

