



A golfer is on the edge of a 12.5 m high bluff overlooking the eighteenth hole, which is located 67.1 m from the base of the bluff. She launches a horizontal shot that lands in the hole on the fly, and the gallery erupts into cheers. How long was the ball in the air? What was the ball's horizontal velocity? Take upward to be the positive y direction.

Why?


**Check your Why? with Mr. C before continuing.**

How?  
Show all work including substitution with units.

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Open the short cut **IP Proj Golf** in the folder on one of the lab stations.  
Enter the answer you found above. Check your answer by hitting the check button.  
If your answer is not correct follow the interactive steps below the problem to work through the solution. Write the correct steps with solution on the back of this page.