

Paper Submission No. 03 (Fall 2018)

PHYS 203A: College Physics

Due date: Thursday, 2018 Sep 13, 12.35pm, in class

(Name)

(Signature)

Instructions

1. Your submission should include only this page. Other forms of submissions will not be accepted. Please print this page, and write your solution on the back side.
2. Show your thought process in detail and organize it clearly.
3. Make sure your answer has the correct units and the right number of significant digits.

Question

A rifle is aimed horizontally at a target 30 m away. The bullet's speed as it emerges from the rifle is 525 m/s. How far below the aiming point does the bullet hit the target?