

Paper Homework No. 03 (Spring 2018)

PHYS 203A: College Physics

Due date: Friday, 2018 Feb 9, 2.00pm, 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 hits the target 1.9 cm below the aiming point. What is the bullet's speed as it emerges from the rifle?