Practice Quiz 1D Motion WO Sol.

Monday, May 18, 2020 6:52 PM

Citation: All questions, unless otherwise stated, are from Barron's AP Physics 1 Kenneth Ridcout & Jonathan S. Wolf

Disclaimer: I do not know the content of in-class evaluations. This quiz is only intended as a review and might not reflect the style or content of given quizzes.

Question 1

A ball is thrown upward with an initial velocity of 20 m/s. How long will the ball take to reach it's maximum height?

question 2

An airplane lands on a runway with a velocity of 150 m/s. How far will it travel until it stops if its rate of deceleration is a constant $-3\ m/s^2$?

Question 3

What is the total change in velocity for the object whose acceleration versus time graph is given below?



Hello! Thank you for using this study guide, I hope that it was useful to you! If it was, I would like to ask of a favor; This semester I am trying to get CRLA level 2 certified, which a tutor certification. One of the requirements for this is that I collect evidence of student learning. If you felt that the questions and explanations posted here have helped your understanding of the material, or if you have been to my sessions and the material covered there helped you to understand this content, I would greatly appreciate if you would submit your scratch work for this review. When/if your work is placed in my certification portfolio, no personal information will be presented, nor will your work be shared in any place that is not in my portfolio. Files can be submitted via Google Form at https://forms.gle/ns5v52HTpY2d8e5d6. This link is also available on my WordPress page. Thank you for time.