
PHY 140Y – FOUNDATIONS OF PHYSICS
1999-2000
Problem Set #1

HANDED OUT: Friday, September 24, 1999 (in class).

DUE: 1:00 PM, Thursday, October 7, 1999 (in class).

Late penalty = 5 marks/day (which also applies to weekend days!) until 1:00 PM, Monday, October 11, after which it will not be accepted (as solutions will then be available in tutorials and on the WWW).

NOTES: Answer all questions.

50% will be awarded for making a reasonable attempt at all questions.

50% will be awarded for the answers to a selected subset of the questions.

Marks will be given for workings and units, as well as for final answers.

QUESTIONS:

(from *Physics with Modern Physics*, Third Edition, by Wolfson and Pasachoff)

1. Chapter 2, Problem 52, Page 43
 2. Chapter 2, Problem 58, Page 43
 3. Chapter 2, Problem 66, Page 44
 4. Chapter 2, Problem 80, Page 44
 5. Chapter 2, Problem 88, Page 45
 6. Chapter 3, Problem 38, Page 64
 7. Chapter 3, Problem 54, Page 65
 8. Chapter 4, Problem 10, Page 86
 9. Chapter 4, Problem 60, Page 89
 10. Chapter 4, Problem 70, Page 90
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