PHY140Y

Foundations of Physics
1998-99
Problem Set 5

January 18, 1999
(Revised: January 21, 1999)

HANDED OUT:	Monday, January 18, 1999 (Revised: Thursday, January 21, 1999)
DUE:	12:10 PM, Friday, January 29, 1999 Late penalty = 5 marks/day, but as solutions become available the following Monday, no assignments will be accepted after that date.
NOTES:	Answer all questions. 50% will be awarded for making reasonable attempts to answer all questions. 50% will be awarded for correct answers to a subset of the questions. Show all your work, and remember to include units!

QUESTIONS:

1. Chapter 9, Problem 2, Page 226
2. Chapter 9, Problem 10, Page 226
3. Chapter 9, Problem 16, Page 227
4. Chapter 9, Problem 18, Page 227
5. Chapter 9, Problem 24, Page 227
6. Chapter 9, Problem 30, Page 227
7. Chapter 9, Problem 42, Page 228
8. Chapter 9, Problem 44, Page 228
9. Chapter 9, Problem 52, Page 229
10. Chapter 9, Problem 66, Page 229