

180A - Test 1		A	B	C
1	CHAP 1 6 points <i>Using words, diagrams and equations</i>	What is a model? How do scientists use models? Provide an example of a scientific model not in the book.	What is trigonometry? Why do physicists use this tool. How do vectors relate to trigonometry? Provide an example.	Why is the use of significant figures important? Provide a good example? How does the use of significant figures demonstrate the validity of a scientist's research?
2	CHAP 2 6 points <i>Using words, diagrams and equations</i>	I will provide you with figure 2.12 (with little info). You will need to explain the figure.	I will provide you with figure 2.8 (with little info). You will need to explain the figure.	I will provide you with figure 2.6 (with little info). You will need to explain the figure.
3	CHAP 1 4 points	MC #1	MC #4	MC #9
4	CHAP 2 4 points	MC #13	MC #14	MC #10
5	CHAP 2 4 points	MC #4	MC #11	MC #8
6	CHAP 1 4 points	P #18	P #28	P #48
7	CHAP 2 4 points	P #5	P #6	P #7
8	CHAP 2 4 points	P #49	P #27	P #12
9	CHAP 2 24 points DRS	P #53	P #87	P #75

Test Date – Tuesday 2/5/08 at 7:50 am

You will randomly receive one of three versions of the test above. You cannot have any notes. There are two questions (1 and 2) that may require you to write a brief explanation along with a quick diagram and equations. There are 3 multiple choice questions which require a brief explanation as to why you chose your answer. There are 3 basic problems that require you to show your work. Problem 9 requires that you show a complete diagram, clear reasoning and a correct solution. I will start this test at 7:50 am. You will have 85 minutes. NO programmable calculators. No books or notes.