

Week 1. Feb. 18 – 22				
Lesson	Date	Topics	What to do	Chapters included
1	Tue	Exponential and Scientific Notation, logs, pH, and metric measurements	p. 109: 1f, 2f, 3a, 4ag, 5a, 6a, 7b p. 111. 1-7, all parts of each p. 114 1aghi jkl	Chapter 8, I - III
2	Wed.	Percents, proportions	Do the following problems to review equations, proportions, and unit conversions. As needed, read p. 114-116 and p. 120-124. p. 116. 1a, 2a, 3a, 4abc p. 121. 1bc, 2bc p. 122. 1, 2. p. 124. 1b, 2e, 3b, 4eh, 5ef, 6cd	Chapter 9, I, II
3	Thur.	More percents, proportions, density	p. 116 1bc, 2bc, 4d fg, 5abcd (pay attention to the units.) p. 121. 1de, 2de p. 122. 3, 5, 7, 10, 12ab p. 125. 1, 4, 6, 8, 10, 12 p. 126 1, 2, 3	Chapter 9, I-III
4	Fri.	Unit conversions	p. 129-130 1cf, 2, 6, 8abcd, 10, 12, 20, 22 p. 130. (Applications) 1, 2, 3	Chapter 9, IV

Week 2. Feb. 25 - 29				
5	Mon.	Concentrations and Dilutions A, B, C	This is an application of proportional relationships. Read p. 130-133 to see how they are used here. Then do these problems. p. 131 1, 3 p. 133 1abc, 2ab, 3a	Chapter 9, V A-C
6	Tue	Concentrations and Dilutions	p. 131: 5, 7, 8, 10, 11, 12, 15 p. 133: 4, 5 p. 134: 2, 4, 6, 7, 8 p. 136: 1, 3, 5	Chapter 9, V A-F
7	Wed	Concentrations and Dilutions	p. 138: Manipulations: 2a, 3 p. 138-139: Applications: 1, 3, 4, 7	Chapter 9, V A-F

8	Thur	Standard deviation Finding lines to fit approximately linear relationships	p. 203 2abc. For each of these datasets, use Excel to compute the mean and standard deviation only. p. 161. 1, 2. (For problem 1, use Excel to find the best line to fit the values. Part b of problem 1 is difficult. Try it, read the answer, and we'll discuss it in class.)	Chapter 11, II B ii Chapter 10, I.
9	Fri	Straight lines and data and relationships	p. 156-157. 1, 4, 5, 6, 7, 8, 10, 11, 12 p. 165. 1, 2, 3, 4	Chapter 10, I
March 3 – March 7				
10	Mon.	More review of the algebra of straight lines.	p. 156-157. 13, 14, 15, 16	Chapter 10, I
11	Tue	Lab Solutions: Concentrations	p. 451 1, 2, 3 p. 458 1, 2, 3, 4, 5, 6	21 IIA 21 IIC
12	Wed.	Lab Solutions: Concentrations	p. 459 1, 2, 3, 4, 5, 6	21 IID
13	Thur.	Lab Solutions: Concentrations	p. 455 1, 2, 3, 4, 5, 6, 7	21 IIB
14	Fri.	Lab Solutions	p. 479 1, 2, 3	22
March 17 – March 21				
15	Mon.	Collecting Meaningful Data	Read Ch. 12 and answer questions on handout.	12
16	Tue	Collecting Meaningful Data	Chapter 12: p. 222. 1, 2, 3, 4, 6, 8	12
17	Wed	Descriptions of Data	Chapter 11: p. 203-207. 2cd, 8, 9, 10, 11, 12, 17, 18, 19, 20, 21	11
18	Thur	Quality Control	Ch. 11. p. 203-207. 1, 6, 22, 23	11
19	Fri	Quality Measurements, Tests and Assays	Chapter 13. p. 248-249. 9, 10, 11, 12, 14, 15	13
March 24 – March 28				
20	Mon.		No new homework. Review	