

CHEM 101-080 Fall 2004
Problem-Solving Session 7
Chapters 14 and 16
December 8, 2004

Ch. 14: Reaction Rates and Equilibrium

Group	Problem No. p. 451	Solution
1	11 (a, b)	
2	11 (c, d)	
3	11 (e, f)	
4	11 (g, h)	

Group	Problem No. p. 452	Solution
1	16 (a)	
2	16 (b)	
3	16 (c)	
4	16 (d)	

Group	Problem No.	Solution
1, 2	14-17	
3, 4	14-18	

Groups	Problem No.	Solution
1-4	14-20	

Groups	Problem No.	Solution
1-4	14-22	

Group	Problem No.	Solution
1	14-36 (a)	
2	14-36 (b)	
3	14-36 (c)	
4	14-36 (d)	

Groups	Problem No.	Solution
1-4	14-37	

Group	Problem No.	Solution
1, 2	14-39	
3, 4	14-40	

Ch. 16: Organic Chemistry Nomenclature

Reference: Ch. 16 pages 484-491

1. Draw a Lewis structure for each of the following molecules.

(a) ethane

(b) propane

(c) propene

(d) heptane

(e) 2-methyl-4-ethylheptane

(f) dichloromethane

(g) 2,3-dimethylhexane

2. Give the IUPAC name of the following compounds.

