

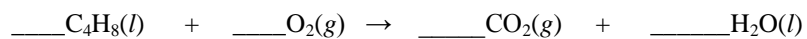
CHM151 Quiz #8 25 Pts Spring 2012 Name: _____

****Due Monday April 16, 2012****

1. (16 Pts) Draw the Lewis dot structure of each the following

a. SeF_3^+	b. BrF_5	c. SO_3^{2-}
d. H_2CO	e. CF_3Cl	g. C_4H_{10}
h. Draw the Lewis dot structure of all the possible isomers of C_4H_8		

2. (5 Pts) Use the table of bond enthalpies found in your textbook to calculate ΔH for the following reaction: (You must balance the equation and show all structures and calculations.)



3. (4 Pts) Draw all the resonance structures for SO_2 and show the formal charges on each atom.