Study Guide – Weekly Quiz #13 Name: _____
Chemistry
2 points **DUE AT QUIZ (THURS., 12/22/11)** Date: _____ Hour: _____

Topics/concepts covered on the very short quiz (sublevel order arrow diagram from back of periodic table will be provided on quiz):

electron configurations Lewis dot diagrams valence electrons

Practice questions:

1) For the element **cesium**, list its number of electrons, write out its electron configuration, circle the valence electrons, and draw the Lewis dot diagram:

2) For each element, list number of electrons, write out the electron configuration (no arrows), circle the valence electrons, write how many valence electrons, and draw the Lewis dot diagram.

Element	# of Electrons	Electron Configuration	Valence Electrons	Lewis Dot Diagram
ex> beryllium	4	$1s^2$ $(2s^2)$	2	Be:
silver				
arsenic				
bohrium				