Chemistry 115 Name

Dr. Cary Willard

Quiz 8A (20 points) April 14, 2009

1. (3 points) Draw a lewis electron dot structure for bromine?
2. (4 points) Draw a lewis electron dot structure for hydrogen sulfide, H2S.



1. (4 points) Draw a lewis electron dot structure for carbon disulfide, CS2.



1. (3 points) Why is it not proper to speak of sodium chloride molecules?
2. (3 points) How do ionization energies change as you move across the periodic table to the right?
3. (3 points) Explain the reason for the trend you described in question 5.

Chemistry 115 Name

Dr. Cary Willard

Quiz 8B (20 points) April 14, 2009

1. (3 points) Draw a lewis electron dot structure for arsenic?
2. (4 points) Draw a lewis electron dot structure for hydrogen sulfide, H2S.



1. (4 points) Draw a lewis electron dot structure for carbon disulfide, CS2.



1. (3 points) Why is it not proper to speak of sodium chloride molecules?
2. (3 points) How do ionization energies change as you move across the periodic table to the right?
3. (3 points) Explain the reason for the trend you described in question 5.