

Name _____ Period _____

Freshmen Transition

Assignment 3J – Ion Introduction

20 Points

Define the following terms based on ions and ion structure

Valance Electron (<i>Review</i>)	Octet Rule
Cation	Anion

For the following atoms and ions determine the given information

Element	Symbol	Valence Electrons	Ion Charge	Cation or Anion	Lose or Gain Number e ⁻	Ion Val Electrons
Magnesium	Mg					
Potassium	K					
Aluminum	Al					
Nitrogen	N					
Silicon	Si		+4			
Helium	He					
Bromine	Be					
Selenium	Se					