

Homework Assignment #4
Due Feb 17

Please complete all of this on your own paper. Do not write on the assignment sheet.

- Vocabulary:** Use your notes to define the following terms. For each definition include an example of the term, and other information you got from your notes. On exams, terms will be graded as follows: 2 pts for correct answer, 1 pt for example, and one point for depth of answer.
 - Bohr model
 - Isotope
 - Anion
 - Semi-metal
 - Groups on periodic table (1A, 2A etc):

Questions

- What information does the row an element is in tell you (first row, second row, etc)? What information does the group number give you?
- Identify the following elements as metal (M) , non-metal (NM) , or semi-metal (SM):

Si	Ar	Be	C	H
K	Fe	N	B	Ni

- What is a polyatomic ion? Give three examples, including their names
- List three characteristics of metals, non-metals and semi-metals.
- Write the correct balanced formulas for all combinations of the following ions:

	Br ⁻¹	S ⁻²	P ⁻³
Cs ⁺¹			
Ca ⁺²			
Ga ⁺³			

