

NAME: _____

Reminders:

1. In a neutral atom the number of protons equals the number of electrons.
2. An atom can NEVER gain or lose protons
3. The number of protons equals the atomic number

Ion Practice Set

1. What is an ion?
2. What does the number next to the ions signify?

Complete the following table, using the periodic table in the back of your book.

	ELEMENT NAME	ION SYMBOL	NUMBER OF PROTONS	NUMBER OF ELECTRONS	NUMBER OF ELECTRONS LOST OR GAINED
ex	Fluorine	F ⁻	9	10	gained one
1			53	54	
2			16		gained two
3	potassium				lost one
4		Ca ⁺²			
5			35	36	
6		Sr ⁺²			
7		H ⁺			
8			8		gained two
9			12		lost two
10	aluminum			10	
11			34	36	
12		H ⁻			
13	lithium				lost one
14		Rb ⁺			
15			17	18	