#### Reminders:

 In a neutral atom the number of protons equals the number of electrons.

An atom can
 NEVER gain or lose
 protons

 The number of protons equals the atomic number

### NAME:\_\_\_\_

## 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<br>NAME | ION<br>SYMBOL    | NUMBER<br>OF<br>PROTONS | NUMBER<br>OF<br>ELECTRONS | NUMBER OF<br>ELECTRONS LOST<br>OR GAINED |
|----|-----------------|------------------|-------------------------|---------------------------|--|
| ex | Fluorine        | F <sup>-</sup>   | 9                       | 10                        | gained one                               |
| 1  |                 |                  | 53                      | 54                        |  |
| 2  |                 |                  | 16                      |                           | gained two                               |
| 3  | potassium       |                  |                         |                           | lost one                                 |
| 4  |                 | Ca <sup>+2</sup> |                         |                           |  |
| 5  |                 |                  | 35                      | 36                        |  |
| 6  |                 | Sr <sup>+2</sup> |                         |                           |  |
| 7  |                 | H*               |                         |                           |  |
| 8  |                 | _                | 8                       |                           | gained two                               |
| 9  | l,              |                  | 12                      |                           | lost two                                 |
| 10 | aluminum        |                  |                         | 10                        |  |
| 11 |                 |                  | 34                      | 36                        |  |
| 12 |                 | H <sup>-</sup>   |                         |                           |  |
| 13 | lithium         |                  |                         |                           | lost one                                 |
| 14 |                 | Rb*              |                         |                           |  |
| 15 |                 |                  | 17                      | 18                        |  |

# **Ion Practice Set Key**

**Annelies Wilder-Smith** 

**Ion Practice Set Key:** 

Embracing the Melody of Expression: An Psychological Symphony within Ion Practice Set Key

In some sort of consumed by displays and the ceaseless chatter of instantaneous transmission, the melodic splendor and emotional symphony produced by the published term often diminish into the background, eclipsed by the constant noise and interruptions that permeate our lives. However, set within the pages of **Ion Practice Set Key** an enchanting fictional value overflowing with raw emotions, lies an immersive symphony waiting to be embraced. Constructed by a wonderful musician of language, this charming masterpiece conducts readers on a mental trip, skillfully unraveling the concealed tunes and profound impact resonating within each carefully crafted phrase. Within the depths with this poignant assessment, we shall discover the book is key harmonies, analyze its enthralling publishing type, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

https://www.splashdogs.com/public/Resources/default.aspx/Ib Math Hl 2013 Markscheme.pdf

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