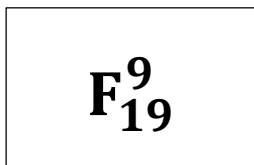


**MINISTRY OF EDUCATION, HERITAGE AND ARTS**  
**YEAR 10 BASIC SCIENCE**  
**REVISION WORKSHEET 4**

Write the answers to the following questions in your exercise/activity books.

1. Given below is the chemical symbol of fluorine.



- i. State the number of protons present. (1 mark)
- ii. State the atomic number of fluorine. (1 mark)
- iii. Calculate the number of neutrons. (1 mark)
2. Differentiate between physical properties and chemical properties. (2 marks)
3. Given below is an outline of a Periodic Table of Elements.

<b>I</b>	<b>II</b>		<b>III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>	<b>VIII</b>

- i. The elements that are located in the area that is shaded in the Periodic table are known as Group 1 elements. State the other name that is given to this group. (1 mark)
- ii. State two physical properties of Group I elements. (2 marks)
- iii. The elements in Group VIII are also known as Noble gases. State whether these elements are reactive or unreactive. (1 mark)
- iv. Give a reason for the answer in part (iii) above. (2 marks)
4. State two properties of metals. (2 marks)

**The End**