



Name: _____

Group: _____

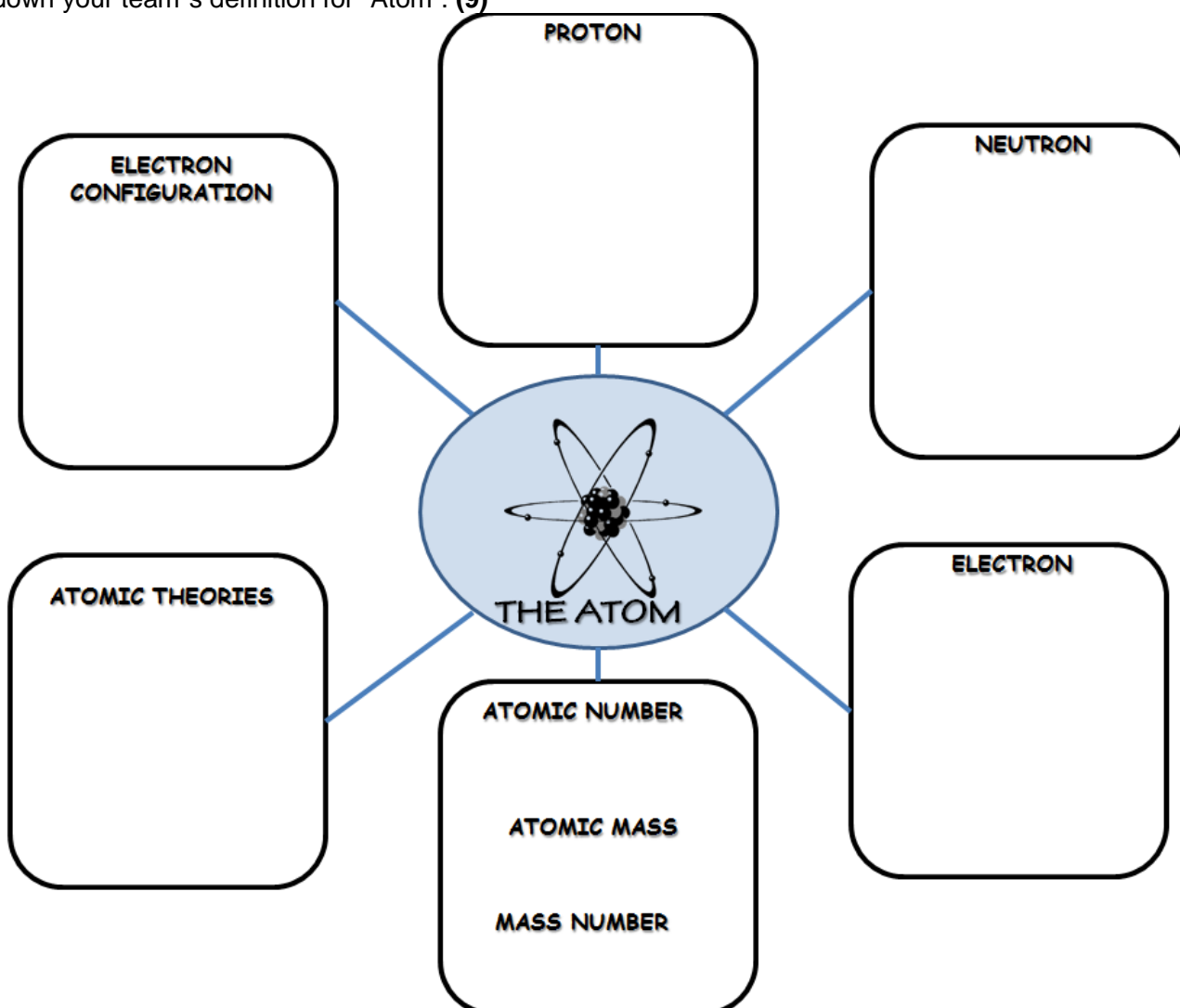
Activity: **3.1** Activity Name: **Exploring your knowledge about the atom and the periodic table.**

Stage's Objectives: -

- 1- The student relates the electron configuration of the elements with their location on the periodic table, in order to predict their behavior in the formation of compounds of importance in our daily lives
- 2- Identifies some elements through experimental evidences to develop skills in observation, analysis and handling laboratory equipment.

Instructions: By pairs, answer the following questions:

1.- Complete the following diagram with the information you know about the atom. At the end, write down your team's definition for "Atom". (9)



ATOM: _____



Name: _____ Group: _____

2. Do you know what radioactivity is? Complete the following chart with the information you know about it. You can take ideas from the **reading 5**: "Technological applications of the radioactive emission of atoms" on page 55 of your learning guide. (4)

Radioactivity is:

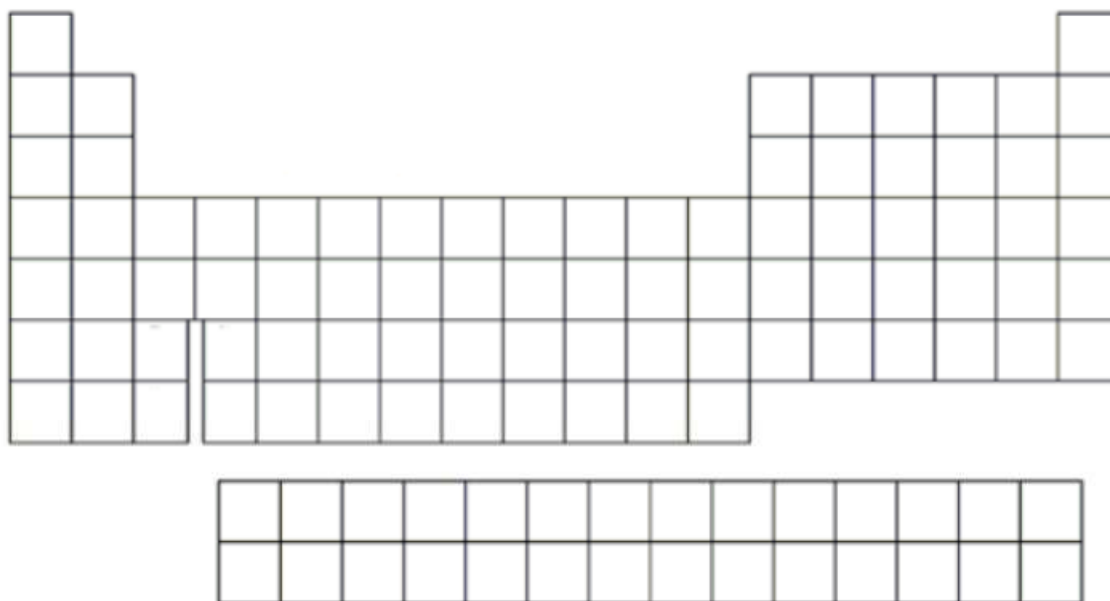


Benefits of radioactivity

Risks of radioactivity

Examples of radioactive elements:

3. Do you know the components of the modern periodic table? Try to fill the following scheme with all the components you can remember. Some suggestions are (groups, periods, blocks, names or symbols for some elements, periodic trends, etc) (7)



Grading Total of checkmarks 20

Checkmarks obtained: _____ * 5 _____