

Chemistry UNT

THE PERIODIC TABLE

I . Fill In the Blanks with the accurate information.

1. The first scientific discovery of an element occurred in _____ when _____ discovered _____.
2. The earliest attempt to classify the _____ was in 1789, when _____ Lavoisier grouped the elements based on their _____ into gases, non-metals, metals and earths.
3. Then in 1869, a _____ scientist called _____ produced one of the first practical _____ tables.
4. Element 101 was named _____, Md, after him.
5. Element _____, Nobelium, No, is named in honour of Alfred Nobel.
6. The section in the middle of the table is called the _____ - _____.

II . Complete the following points with the correct words.

The modern periodic table is based closely on the ideas he used:

- the elements are shown by the _____ for their _____.
- the elements are arranged in _____ order (order of _____ atomic number).
- the _____ rows are called _____.
- the _____ columns are called _____.
- elements in the _____ group (same vertical column) have similar _____ properties.
- there are _1_ known elements.

III . Complete The following table with accuracy.

| Group | Name | Metal / Non-metal | Reactive / Non-reactive |
|-------|---------------|-------------------|-------------------------|
| 1 | alkali metals | | |
| 2 | | metal | reactive |
| 7 | halogens | non-metal | reactive |
| 0 | noble gases | non-metal | |

