



6 The Periodic Table

1. What is the name of the scientist who introduced the periodic table?
2. In the periodic table the elements are arranged in and
3. Each **vertical column** in the periodic table is called a
Each **row** of elements in the table is called a
4. Elements of the same group have the same number of in their outermost shells and therefore the same
5. The valency of an element is the number of electrons an atom wants to, or in order to achieve a full outer shell.
6. The elements on the left of the periodic table are The elements on the right are Elements which show metallic properties as well as non-metallic properties are called

7.

	name of the group	electrons in the outermost shell	metal or non-metal	valency
Group 1				
Group 2				
Group 7				
Group 8				

8. Tick what is correct:
 - ☐ Potassium (K) is a metal.
 - ☐ Silicon (Si) is a non-metal.
 - ☐ Metals are poor heat conductors and good electrical conductors.
 - ☐ The valency of the noble gases is zero.