

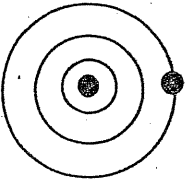
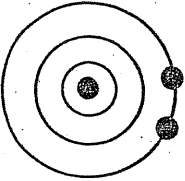
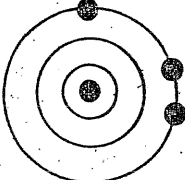
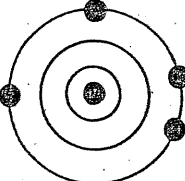
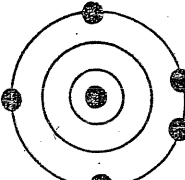
Activity

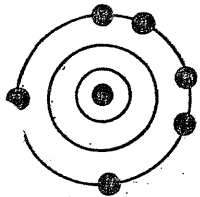
Classification of Elements: The Periodic Table

CHAPTER 5

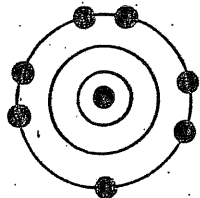
Valence Clues

The diagrams below represent various atoms in which only the valence electrons are shown. Use the diagrams to provide the missing information.

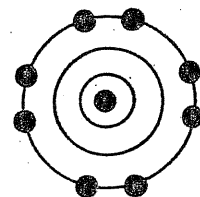
	Element	Number of Valence Electrons	Metal, Nonmetal, Metalloid, Noble Gas	Group Number	Period Number
1.	 Na Sodium	1	Metal	1	3
2.	 Mg Magnesium	2	Metal	2	3
3.	 Al Aluminum	3	Metal	13	3
4.	 Si Silicon	4	metalloid	14	3
5.	 P Phosphorus	5	non-metal	15	3



S 6 non-metal 16 3
Sulfur



Cl 7 non-metal 17 3



Ar 8 Noble Gas 18 3
Argon