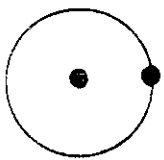
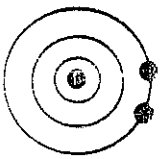
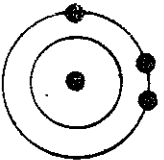
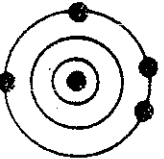
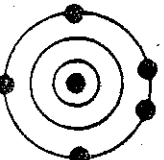
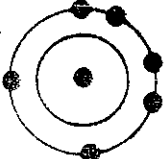
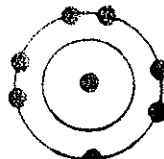
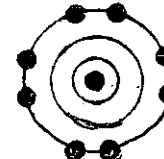


* Each ring around the black dot (nucleus) is a filled orbital.

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.		_____	_____	_____	_____
2.		_____	_____	_____	_____
3.		_____	_____	_____	_____
4.		_____	_____	_____	_____
5.		_____	_____	_____	_____
6.		_____	_____	_____	_____
7.		_____	_____	_____	_____
8.		_____	_____	_____	_____