

Ions Formation Worksheet

Complete the following table.

Atom	Number of valence electrons	Charge after gaining or losing electrons	Symbol of the Ion
Na			
S			
Mg			
K			
Cl			
O			
Be			
B			
N			
F			

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Answers

Atom	Number of valence electrons	Charge after gaining or losing electrons	Symbol of the Ion
Na	1	+1	Na ⁺
S	6	-2	S ²⁻
Mg	2	+2	Mg ²⁺
K	1	+1	K ⁺
Cl	7	-1	Cl ⁻
O	6	-2	O ²⁻
Be	2	+2	Be ²⁺
B	3	+3	B ³⁺
N	5	-3	N ³⁻
F	7	-1	F ⁻