

Ion Worksheet

Name: Key

Date: _____

	English Name	Symbol	Number of Protons	Number of Electrons	Number of Electrons Lost or Gained	Net Charge	Cation/Anion/Neither
1.	neon atom	Ne	10	10	0	0	N
2.	lithium ion	Li ¹⁺	3	2	lost 1	1+	Cation
3.	Silver ion	Ag ¹⁺	47	46	lost 1	1+	Cation
4.	Sulphide ion	S ²⁻	16	18	gained 2	2-	Anion
5.	Silicon atom	Si	14	14	0	0	N
6.	Arsenide ion	As ³⁻	33	36	gained 3	3-	Anion
7.	Cesium ion	Cs ¹⁺	55	54	lost 1	1+	Cation
8.	Zinc ion	Zn ²⁺	30	28	lost 2	2+	Cation
9.	Hydrogen atom	H	1	1	0	0	N
10.	Phosphorus atom	P	15	15	0	0	N
11.	Calcium ion	Ca ²⁺	20	18	lost 2	2+	Cation
12.	selenide ion	Se	34	36	gained 2	2-	Anion
13.	Aluminium ion	Al ³⁺	13	10	lost 3	3+	Cation
14.	Rubidium ion	Rb ⁺	37	36	lost 1	1+	Cation
15.	Argon atom	Ar	18	18	0	0	N
16.	Oxygen ion	O ²⁺	8	10	gained 2	2+	Cation
17.	iodine atom	I	53	53	0	0	N
18.	Plutonium atom	Pu	94	94	0	0	N
19.	Telluride ion	Te ²⁻	52	54	gained 2	2-	Anion