

Ions Worksheet

For each of the following ions, indicate the number of protons and electrons.

Ion	Protons	Electrons
Cl^-		
Mg^{2+}		
K^+		
S^{2-}		
Al^{3+}		
P^{3-}		
Ba^{2+}		
Sr^{2+}		
Sn^{4+}		
Fr^+		
Si^{4-}		
Ge^{4-}		
Cs^+		
Po^{2-}		

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Answers

Ion	Protons	Electrons
Cl^-	17	18
Mg^{2+}	12	10
K^+	19	18
S^{2-}	16	18
Al^{3+}	13	10
P^{3-}	15	12
Ba^{2+}	56	54
Sr^{2+}	38	36
Sn^{4+}	50	46
Fr^+	87	86
Si^{4-}	14	18
Ge^{4-}	32	36
Cs^+	55	54
Po^{2-}	84	86