**Year 10 Chemical Sciences: Valency Quiz Entry Ticket 1**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mark: \_\_\_\_\_\_\_\_\_\_\_\_/20

Complete the table below

|  |  |  |
| --- | --- | --- |
| **Name of ion** | | **Symbol** |
| 1 | **Potassium ion** | K+ |
| 2 | **Sulfate** | SO4-2 |
| 3 | **Sulfide** | S-2 |
| 4 | **Nitrate** | NO3-1 |
| 5 | **Calcium ion** | NO3-1 |
| 6 | **Sodium ion** | Na+1 |
| 7 | **Aluminium ion** | Al+3 |
| 8 | **Fluoride** | F-1 |
| 9 | **Hydroxide** | OH-1 |
| 10 | **Phosphide** | P-3 |
| 11 | Oxide | **O-2** |
| 12 | Phosphate | **PO4-3** |
| 13 | Iron III ion | **Fe+3** |
| 14 | Ammonium ion | **NH4+1** |
| 15 | Magnesium ion | **Mg+2** |
| 16 | Copper II ion | **Cu+2** |
| 17 | Ethanoate | **CH3COO-1** |
| 18 | Zinc ion | **Zn+2** |
| 19 | Carbonate | **CO3-2** |
| 20 | Chloride | **Cl-1** |