**Bohr Diagrams for Ions Worksheet**

Draw the bohr diagram for the following **ions**. Make sure you include: symbol, protons, neutrons, electrons and ion charge in brackets.

1. Na+ 2) Ca2+

3) Cl- 4) N3-

5) O2-

6) Complete the following table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1** | **Element Name** | **Ion Symbol** | **Number of Proton** | **Number of Electrons** | **Number of electrons gained or lost** |
| **2** |  |  | 16 |  | Gained 2  |
| **3** | Potassium  |  |  |  | Lost 1 |
| **4** |  | H+ |  |  |  |
| **5** |  |  | 34 | 36 |  |
| **6** |  |  | 8 |  | Gained 2  |