**RESOURCE SHEET FOR YEAR 10**

You may use the following tables to help you with your answers

**Table of ions**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **+1** | **+2** | **+3** |  | **-2** | **-1** |
| H+ | Mg2+ | Al3+ |  | O2- | Cl- |
| Li+ | Ca2+ |  |  | S2- | OH- |
| Na+ | Cu2+ |  |  | CO32- | NO3- |
| K+ | Zn2+ |  |  | SO42- | HCO3- |
| Ag+ | Pb2+ |  |  |  |  |
|  |  |  |  |  |  |

**PERIODIC TABLE OF THE ELEMENTS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *18* |
|  |  |  | Atomic Number | | | 1 |  |  |  |  |  |  |  |  |  |  | 2 |
|  |  |  |  |  |  | **H** |  |  |  |  |  |  |  |  |  |  | **He** |
| *1* | *2* |  |  |  |  |  |  |  |  |  |  | *13* | *14* | *15* | *16* | *17* |  |
| 3 | 4 |  |  |  |  |  |  |  |  |  |  | 5 | 6 | 7 | 8 | 9 | 10 |
| **Li** | **Be** |  |  |  |  |  |  |  |  |  |  | **B** | **C** | **N** | **O** | **F** | **Ne** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | 12 |  |  |  |  |  |  |  |  |  |  | 13 | 14 | 15 | 16 | 17 | 18 |
| **Na** | **Mg** |  |  |  |  |  |  |  |  |  |  | **Al** | **Si** | **P** | **S** | **Cl** | **Ar** |
|  |  | *3* | *4* | *5* | *6* | *7* | *8* | *9* | *10* | *11* | *12* |  |  |  |  |  |  |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  |  |  |  | 35 | 36 |
| **K** | **Ca** | **Sc** | **Ti** | **V** | **Cr** | **Mn** | **Fe** | **Co** | **Ni** | **Cu** | **Zn** |  |  |  |  | **Br** | **Kr** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 37 |  |  |  |  |  |  |  |  |  | 47 |  |  | 50 |  |  | 53 | 54 |
| **Rb** |  |  |  |  |  |  |  |  |  | **Ag** |  |  | **Sn** |  |  | **I** | **Xe** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 78 | 79 | 80 |  | 82 |  |  |  | 86 |
|  |  |  |  |  |  |  |  |  | **Pt** | **Au** | **Hg** |  | **Pb** |  |  |  | **Rn** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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