

Data Sheet

1. Reactivity Series of Metals

| | |
|-----------------|---|
| Potassium | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">most reactive</div> <div style="margin-bottom: 5px;">↑</div> <div style="margin-bottom: 5px;">↓</div> <div style="margin-bottom: 5px;">least reactive</div> </div> |
| Sodium | |
| Calcium | |
| Magnesium | |
| Aluminium | |
| <i>Carbon</i> | |
| Zinc | |
| Iron | |
| Tin | |
| Lead | |
| <i>Hydrogen</i> | |
| Copper | |
| Silver | |
| Gold | |
| Platinum | |

(elements in italics, though non-metals, have been included for comparison)

2. Formulae of Some Common Ions

| Positive ions | | Negative ions | |
|---------------|------------------------------|---------------|-------------------------------|
| Name | Formula | Name | Formula |
| Hydrogen | H ⁺ | Chloride | Cl ⁻ |
| Sodium | Na ⁺ | Bromide | Br ⁻ |
| Silver | Ag ⁺ | Fluoride | F ⁻ |
| Potassium | K ⁺ | Iodide | I ⁻ |
| Lithium | Li ⁺ | Hydroxide | OH ⁻ |
| Ammonium | NH ₄ ⁺ | Nitrate | NO ₃ ⁻ |
| Barium | Ba ²⁺ | Oxide | O ²⁻ |
| Calcium | Ca ²⁺ | Sulfide | S ²⁻ |
| Copper(II) | Cu ²⁺ | Sulfate | SO ₄ ²⁻ |
| Magnesium | Mg ²⁺ | Carbonate | CO ₃ ²⁻ |
| Zinc | Zn ²⁺ | | |
| Lead | Pb ²⁺ | | |
| Iron(II) | Fe ²⁺ | | |
| Iron(III) | Fe ³⁺ | | |
| Aluminium | Al ³⁺ | | |

Turn over ►

