

3
Li
Lithium

11
Na
Sodium

19
K
Potassium

37
Rb
Rubidium

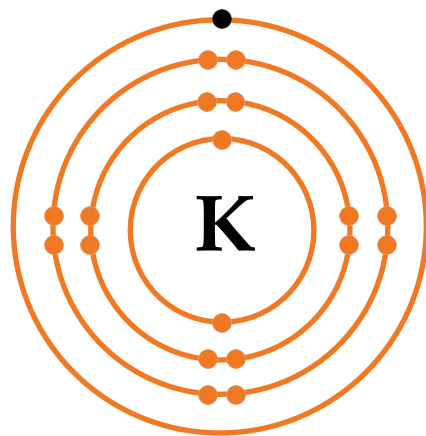
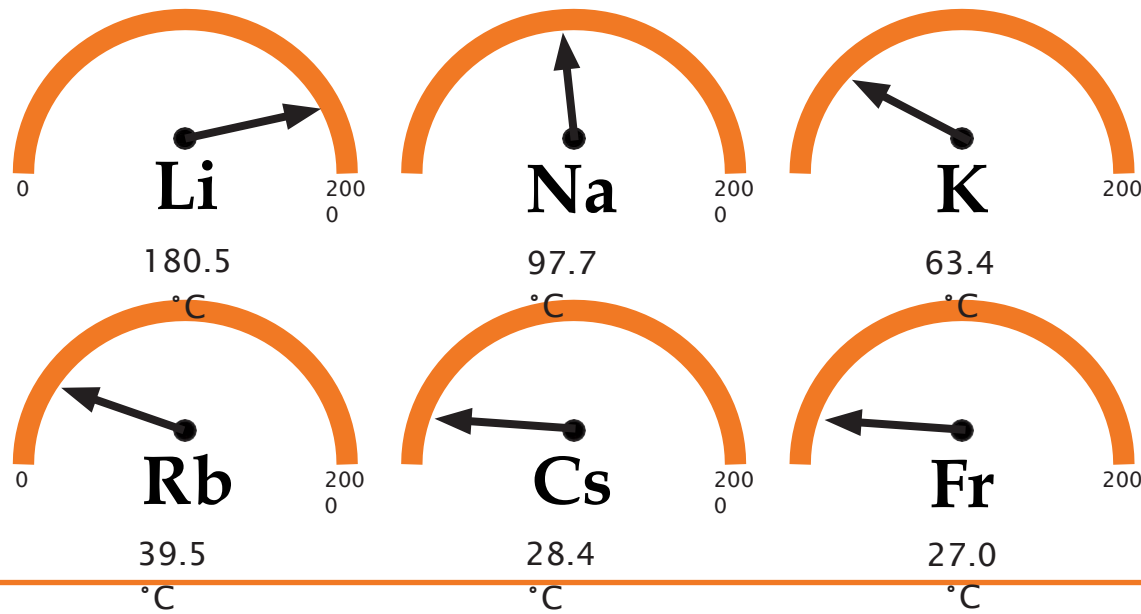
55
Cs
Caesium

87
Fr
Francium

Group 1 - The Alkali Metal

THE GROUP 1 ELEMENTS ARE SHINY, SOFT, AND HIGHLY REACTIVE METALS, NONE OF WHICH OCCUR NATURALLY AS FREE ELEMENTS

MELTINGPOINTS



ALL OF THE GROUP 1 METALS HAVE ONE

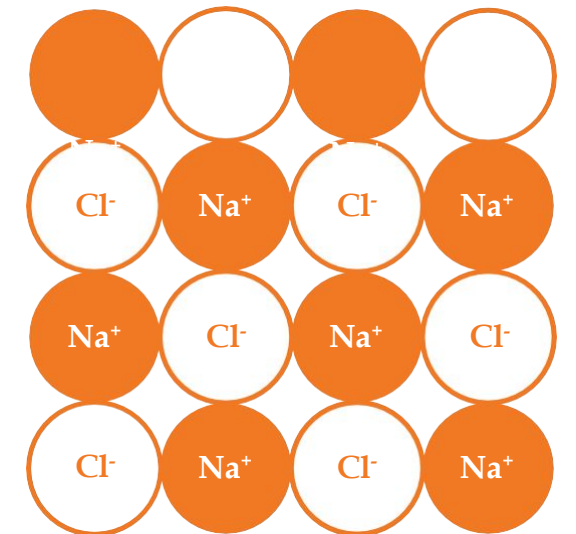
THE REACTIVITY OF THE GROUP 1 METALS **INCREASES DOWN THE GROUP** AS THE OUTER ELECTRON GETS FURTHER FROM THE NUCLEUS & BECOMES EASIER TO REMOVE

THE ALKALI METALS REACT WITH WATER TO FORM METAL HYDROXIDES



ALKALI METALS REACT WITH OXYGEN TO FORM METAL OXIDES

ALKALI METALS REACT WITH HALOGENS TO FORM IONIC SALTS



USES OF THE ALKALI METALS

LITHIUM	SODIUM	POTASSIUM	RUBIDIUM & CAESIUM	FRANCIUM
ANTI DEPRESSANTS	STREET LAMPS	FERTILISERS	ATOMIC CLOCKS	RADIOACTIVE
BATTERIES	TABLE SALT	SOAPS		