

5
B

Boron

13

Al

Aluminium

31

Ga

Gallium

49

In

Indium

81

Tl

Thallium

113

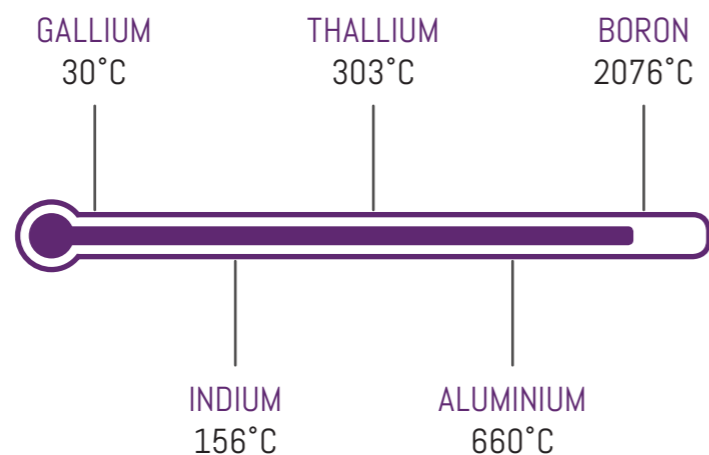
Uut

Ununtrium

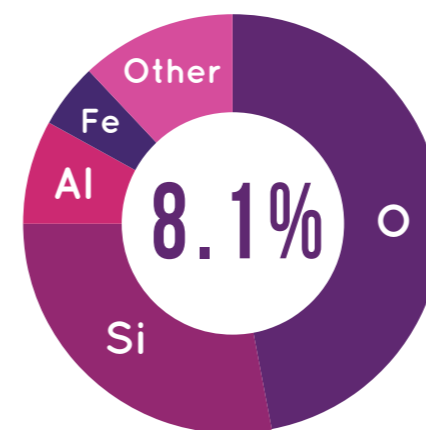
Group 3 - The Icosagens

EXCEPT FOR BORON, THE GROUP 3 ELEMENTS ARE ALL METALS, KNOWN AS 'POOR METALS' DUE TO THEIR LOW MELTING POINTS & HARDNESS

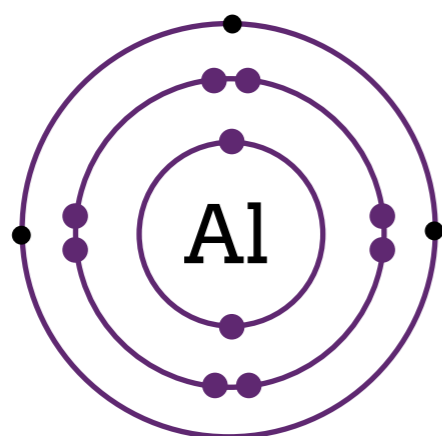
MELTING POINTS



BORON IS A METALLOID AND THE ONLY NON-METAL IN GROUP 3



ALUMINIUM IS THE THIRD MOST ABUNDANT ELEMENT IN THE EARTH'S CRUST AND THE MOST ABUNDANT METAL



ALL OF THE GROUP 3 ELEMENTS HAVE **THREE VALENCE ELECTRONS**

GROUP 3 ELEMENTS REACT WITH OXYGEN TO FORM METAL OXIDES



1 GRAM



THE AVERAGE LETHAL DOSE FOR THE TOXIC ELEMENT THALLIUM

GALLIUM IS SOLID AT ROOM TEMPERATURE BUT IS LIQUID AT A LARGER RANGE OF TEMPERATURES THAN ANY OTHER ELEMENT



USES OF THE ICOSAGENS



BORON

GLASSWARE

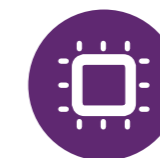
DETERGENT



ALUMINIUM

DRINK CANS

AIRCRAFT BODIES



GALLIUM

ELECTRONIC COMPONENTS



INDIUM

TOUCH SCREENS



THALLIUM

RAT POISON