

5
B

Boron

13

Al

Aluminium

31

Ga

Gallium

49

In

Indium

81

Tl

Thallium

113

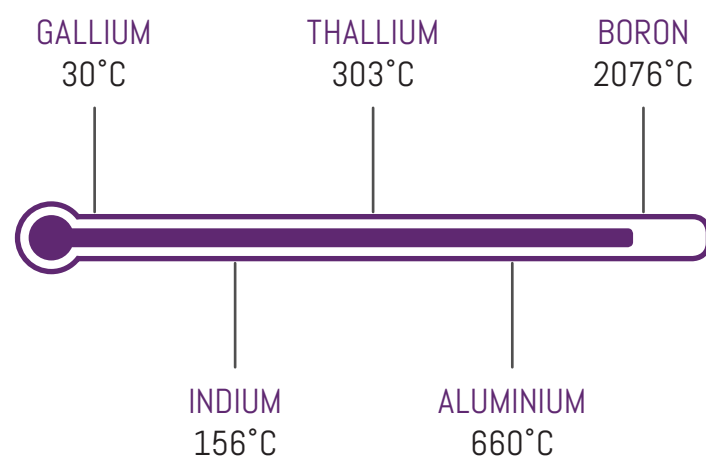
Uut

Ununtrium

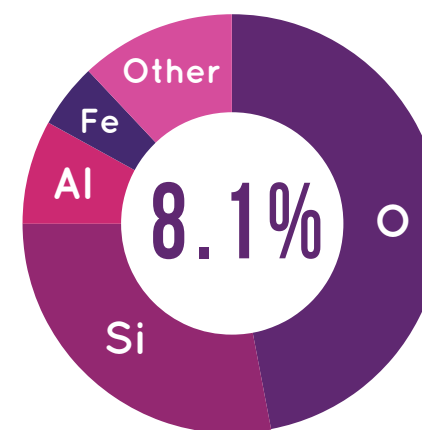
Group 13 - The Icosagens

EXCEPT FOR BORON, THE GROUP 13 ELEMENTS ARE ALL METALS, KNOWN AS 'POOR METALS' DUE TO THEIR LOW MELTING POINTS & HARDNESS

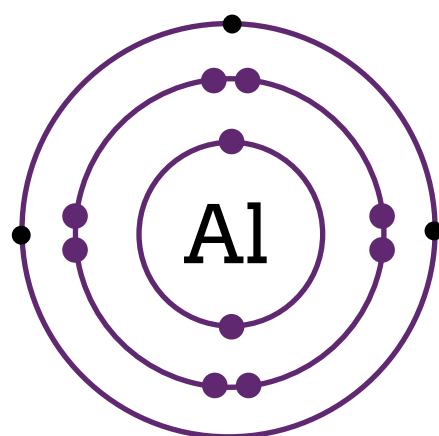
MELTING POINTS



BORON IS
A METALLOID
AND THE
ONLY
NON-METAL
IN GROUP 13



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



ALL OF THE
GROUP 13 ELEMENTS
HAVE
**THREE VALENCE
ELECTRONS**

GROUP 13
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



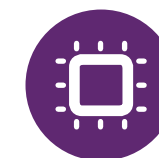
BORON

GLASSWARE
DETERGENT



ALUMINIUM

DRINK CANS
AIRCRAFT
BODIES



GALLIUM

ELECTRONIC
COMPONENTS



INDIUM

TOUCH
SCREENS



THALLIUM

USED TO BE
USED IN RAT
POISON