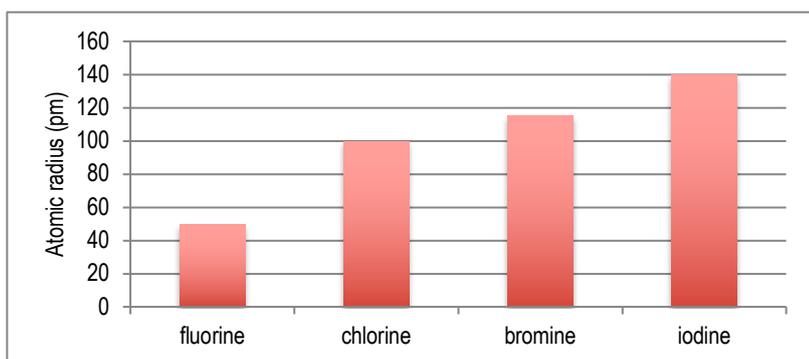




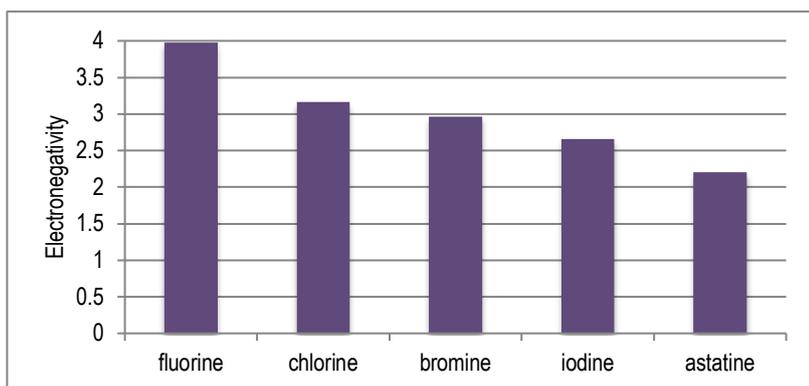
GROUP 7 - PROPERTIES

	fluorine (F ₂)	chlorine (Cl ₂)	bromine (Br ₂)	iodine (I ₂)
appearance	yellow gas	green gas	brown liquid	grey crystalline solid
comments			<ul style="list-style-type: none">• very easily forms orange vapour• often used as a solution in water (yellow-orange bromine water)	<ul style="list-style-type: none">• very easily forms purple vapour• often used as a (sort of) solution in water (brown "iodine solution")

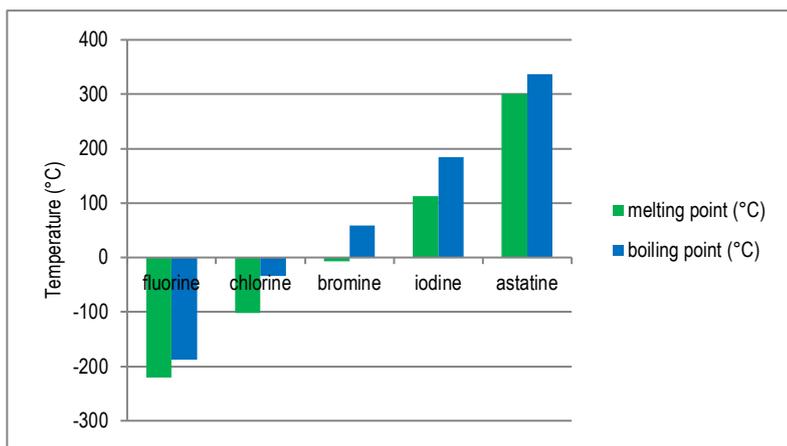
Atomic radius



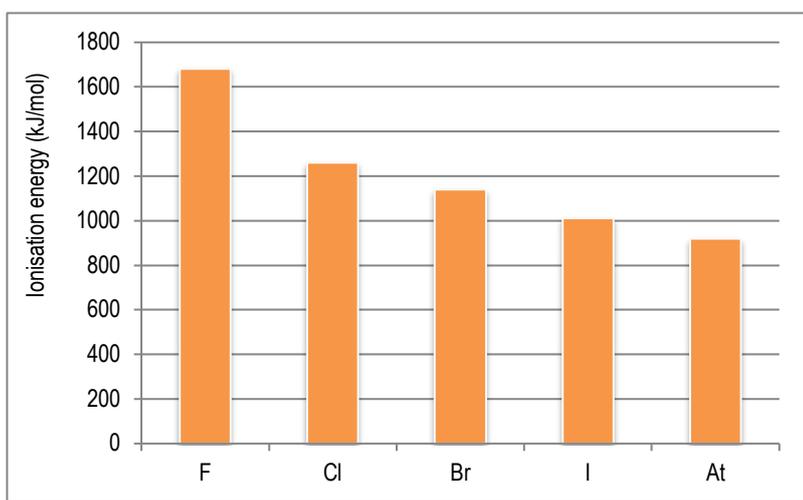
Electronegativity



Melting & boiling points



1st ionisation energy



Reactions of chlorine with water and NaOH(aq)

	Equation	Comments
Water		
NaOH(aq) (cold, dilute)		