



Group 7 Properties

State and explain the trend in ...

Melting & Boiling Point



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-
-
-

e.g.

Electronegativity

-
-
-

e.g.



TT

Oxidising Agents

Reducing Agents

Displacement

Group 7 Redox

1 2 3 4 5

Displacement



Testing For Halide Ions

1°

2°

Why acidified?

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=

=

1° Add $\text{AgNO}_3(\text{aq})$ Dropwise

+ →

+ →

+ →

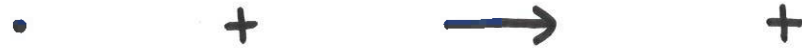
+ →

2° Followed by $\text{NH}_3(\text{aq})$



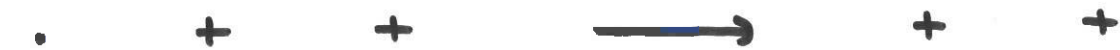
Reactions of Chlorine

FACT!





Sodium Halides & conc. H₂SO₄



★ KNOW THE EQUATIONS!
AND OBSERVATIONS!