

Matter

3. Periodic Table

CONCEPT 2

TEST YOURSELF

GROUP 1 - ALKALIS METALS

KNOW

Q1 Describe a physical and chemical property of group 1 elements.

APPLY

Q2 Francium comes below caesium, at the bottom of group 1.
Suggest how its melting and boiling point compare to the other group 1 metals.

EXTEND

Q3 The table below shows observations when reacting some group 1 metals with water.
Predict how sodium may react.

Group 1 metal	Reaction with cold water
lithium	Metal floated, fizzed steadily until it disappeared.
sodium	?
potassium	Meatal floats. Moved around rapidly and set fire with a small explosion at the end.