

Add the missing words to complete the descriptions of the reactions of the first three alkali metals with water.

Alkali metal: Lithium

Symbol: _____

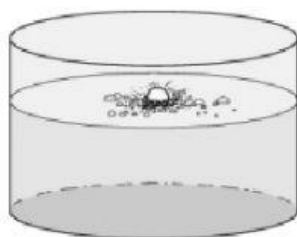
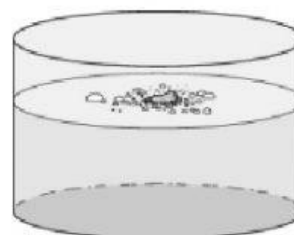
Group 1

How stored: Under oil

Reaction with water: Floats and fizzes forming a gas

Word equation for reaction with water:

lithium + water → lithium hydroxide + hydrogen



Alkali metal: _____

Symbol: Na

Group: _____

How stored: _____

Reaction with water: Melts into a ball and fizzes forming a _____

Word equation for reaction with water:

sodium + water → _____ + _____

Alkali metal: _____

Symbol: K

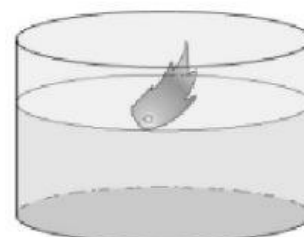
Group 1

How stored: Under oil

Reaction with water: Catches _____ and forms a gas

Word equation for reaction with water:

potassium + _____ → potassium hydroxide + _____



Draw lines to match up the correct starts and ends of these sentences about elements reacting with oxygen.

The reaction of zinc with oxygen ...

When elements react with oxygen ...

When an element burns in air ...

The product of sulfur and oxygen ...

... is sulfur dioxide.

... it is reacting with oxygen.

... produces zinc oxide.

... compounds called oxides form.

