

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

Alkali metal: Lithium

Symbol: \_\_\_\_\_

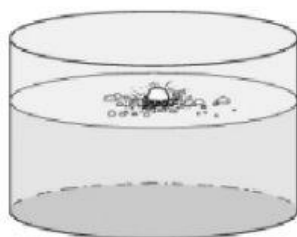
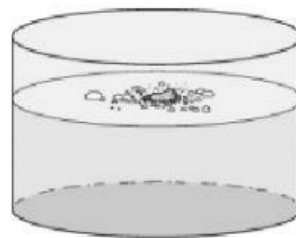
Group 1

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

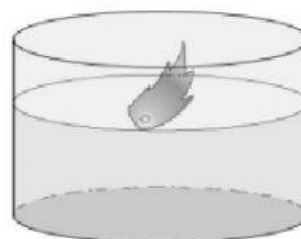
Group 1

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.

