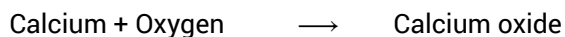


0	1
---	---

Calcium reacts with oxygen to produce calcium oxide.

This is the word equation for the reaction:



0	1	.	1
---	---	---	---

What type of reaction is this?

[1 mark]

.....

0	1	.	2
---	---	---	---

Write the balanced symbol equation for this reaction.

[2 marks]

.....

0	2
---	---

Lithium reacts with water producing a flammable gas.

0	2	.	1
---	---	---	---

Complete the word equation for the reaction between lithium and water.

[2 marks]



0	2	.	2
---	---	---	---

Name two differences between the reaction of potassium and water compared to the reaction of lithium and water?

[2 marks]

.....

.....

0	3
---	---

Magnesium is a relatively reactive metal, which reacts with hydrochloric acid.

0	3	.	1
---	---	---	---

What would you observe when this reaction takes place?

[2 marks]

.....

.....

0	3	.	2
---	---	---	---

What is the name and chemical formula for the solution formed in this reaction?

[2 marks]

Name .....

Chemical formula .....

(Total 11 marks)

End