

GCSE Chemistry B (Twenty First Century Science)
J258/01 Breadth in Chemistry (Foundation Tier)

Question Set 7

Multiple Choice Questions

1 Manganese is a metallic element. It is mixed with iron to make an alloy.

(a) (i) Manganese is made by heating manganese oxide with carbon.

Write a **word** equation for this reaction.

[1]

(ii) Aluminium **cannot** be made by heating aluminium oxide with carbon.

Which of the statements below are **true** and which are **false**?

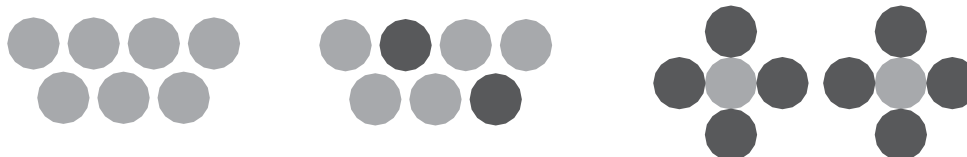
Put a tick (✓) in one box in **each** row.

	True	False
Carbon is more reactive than aluminium.		
Carbon reduces manganese oxide.		
Aluminium is more reactive than manganese.		
Carbon reduces aluminium oxide.		

[4]

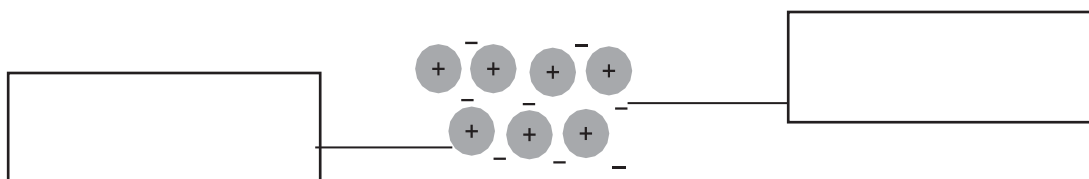
(b) (i) Which model is an alloy?

Put a ring around the correct answer.



[1]

(ii) Label the diagram below to describe metallic bonding.



[1]

Total Marks for Question Set 7: 7

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