

GCSE

Science: (Modular)
Double Award and Chemistry

Module 05

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Metals : Foundation Tier

Question No.	KEY
One	1 – Group 1 2 – the central block 3 – Group 2 4 – Group 0
Two	1 – mercury 2 – aluminium 3 – iron 4 – gold
Three	1 – hydrochloric acid 2 – copper sulphate 3 – zinc hydroxide 4 – sulphuric acid
Four	1 – platinum 2 – copper chloride 3 – carbon 4 – limestone
Five	1 – Metal Y 2 – Metal Z 3 – Metal W 4 – Metal X
Six	argon carbon
Seven	they have lower melting points than most transition metals they react with non-metals to form ionic compounds
Eight	8.1 – A, 8.2 – C, 8.3 – B, 8.4 – D
Nine	9.1 – C, 9.2 – C, 9.3 – C, 9.4 – D
Ten	10.1 – D, 10.2 – B, 10.3 – C, 10.4 – C

Metals : Higher Tier

Question No.	KEY
One	1 – Metal Y 2 – Metal Z 3 – Metal W 4 – Metal X
Two	1 – iron sulphate 2 – carbon monoxide 3 – copper oxide 4 – lead oxide
Three	they have lower melting points than most transition metals they react with non-metals to form ionic compounds
Four	ammonia solution sodium hydroxide solution
Five	5.1 – A, 5.2 – C, 5.3 – B, 5.4 – D
Six	6.1 – C, 6.2 – C, 6.3 – C, 6.4 – D
Seven	7.1 – D, 7.2 – B, 7.3 – C, 7.4 – C
Eight	8.1 – D, 8.2 – D, 8.3 – D, 8.4 – C
Nine	9.1 – D, 9.2 – B, 9.3 – B, 9.4 – A
Ten	10.1 – D, 10.2 – C, 10.3 – B, 10.4 – B