

Oxidation and reduction in terms of electrons

A1. (2018)

06.2		allow marks from suitable diagram(s)		AO1 5.2.1.2
	sodium (atom) loses	allow moves / transfers for loses do not accept sodium ion loses	1	
	one (outer shell electron)		1	
	chlorine (atom) gains	do not accept chloride	1	
	one (electron)		1	
		transfer of 1 electron from chlorine to sodium max 2 marks		
		reference to sharing or covalent bonding max 3 marks		

A2. (2020)

06.2	loss of oxygen	allow (Al^{3+}) gain of electrons allow aluminium oxide loses oxygen	1	AO1 5.4.1.1 5.4.1.3
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A3. (2023)

05.8	the copper oxide is reduced		1	AO2 5.4.1.3
	(reason) (copper oxide) loses oxygen		1	