

Properties of ionic, covalent, and metallic substances

A1. (2018)

01.6	solid		1	AO1 5.2.2.8
------	-------	--	---	----------------

A2. (2018)

01.8	dissolved		1	AO1 5.2.2.3
------	-----------	--	---	----------------

A3. (2018)

01.9	<table><tr><th>Statement</th><th>Reason</th></tr><tr><td>Solid sodium chloride does not conduct electricity</td><td>The ions are fixed</td></tr><tr><td></td><td>The ions are mobile</td></tr><tr><td>Molten sodium chloride conducts electricity</td><td>The ions are neutral</td></tr><tr><td></td><td>The ions are vibrating</td></tr></table>		Statement	Reason	Solid sodium chloride does not conduct electricity	The ions are fixed		The ions are mobile	Molten sodium chloride conducts electricity	The ions are neutral		The ions are vibrating	do not accept if more than 1 line from 1 box		AO1 5.2.2.3
	Statement	Reason													
	Solid sodium chloride does not conduct electricity	The ions are fixed													
		The ions are mobile													
	Molten sodium chloride conducts electricity	The ions are neutral													
		The ions are vibrating													
		1													
		1													

A4. (2020)

04.5	(heat sodium chloride until) molten / liquid		1	AO1 5.2.2.3
	dissolve in water	allow form aqueous solution allow add water	1	

A5. (2020)

07.2	weak	allow weaker	1	AO1 5.2.2.4
------	------	--------------	---	----------------