



Oxford Cambridge and RSA

GCSE Chemistry B (Twenty First Century Science)
J258/02 Depth in chemistry (Foundation Tier)

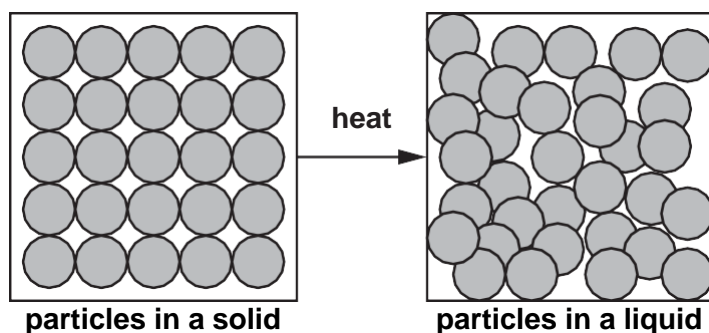
Question Set 18

1

Ice (solid water) and common salt (sodium chloride) are solids with different melting points.

	Melting point (°C)
ice	0
salt	800

The diagrams show what happens when a solid is heated until it melts and becomes a liquid.



Explain why heating causes solids to melt, and why ice and salt have different melting points.

Use the diagrams, and ideas about forces between particles, to support your answer.

[6]

Total Marks for Question Set 18: 6

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