## Melting and boiling points

## This task is about melting and boiling points of substances.

Use this table to answer the questions below.

Substance	Melting Point °C	Boiling Point °C
Aluminium	660	1800
Iron	1535	2750
Nitrogen	- 210	- 196
Oxygen	- 218	- 183
Sodium chloride	804	1413
Water	0	100

a)	What is the melting point of iron?°C
b)	At what temperature does water turn from a liquid to a gas?°C
c)	At 680°C, is sodium chloride a solid, liquid, or gas?
d)	Which substance remains liquid over the greatest temperature range?
e)	Name the substances which are liquid at 1000°C.
f)	If a mixture of oxygen and nitrogen was cooled, which one would freeze first?
g)	At what temperature does aluminium freeze?°C
h)	If the six substances above were at room temperature how many would be in a:
	solid state?
	liquid state?
	gas state?

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