

Exercise Chapter 2.1

1. Table shows the melting point and the boiling point of substances A, B, C, D and E.

Substance	Melting point (°C)	Boiling point (°C)	State of matter at room temperature
A	-101.0	-35.0	
B	-94.0	65.0	
C	17.8	290.0	
D	97.8	883.0	
E	801.0	1413.0	

- a) Classify substances A, B, C, D and E according to states of matter at room temperature. Complete your answer in the table.
- b) State the substance that will change from liquid to solid when placed in the freezer at temperature 2 °C. _____
- c) When substance B is cooled from 80 °C to -2 °C, describe the changes that take place on the particles with relation to:

State of matter	
Arrangement of particles	
Kinetic energy	
Forces of attraction	