

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	