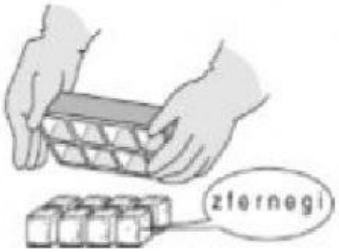
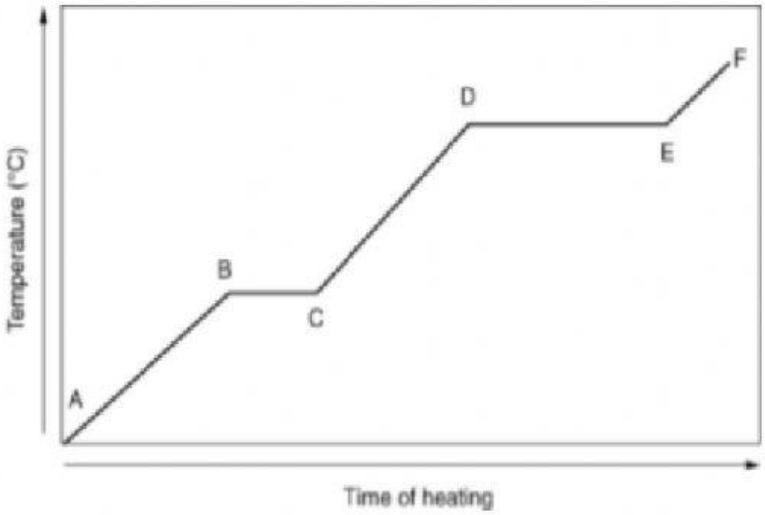
Arrange the jumbled letters to make a word that describes the change shown in the drawings.



Look at the graph shown below, and then answer the questions which follow.



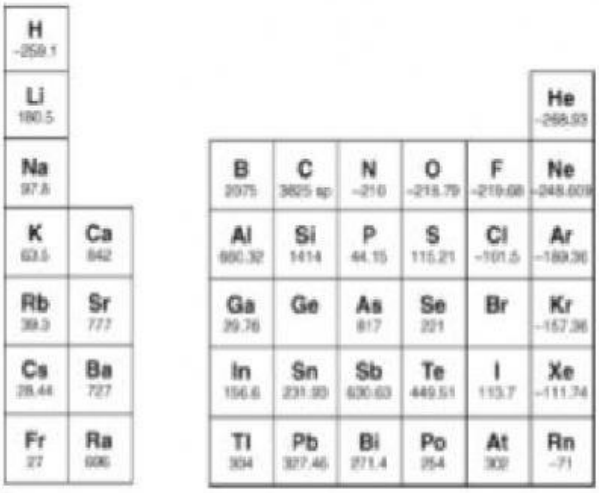
a What is happening to the temperature in section E to F?

b What is the state of the substance in section A to B?

c What change of state is occurring in section D to E?

d Explain why the temperature doesn't rise in section B to C although heating continues.

The melting points of elements in the periodic table are shown below.



a Name four elements in the halogen group.

b Describe the general trend in melting points down the alkali metal and noble gas groups.

c What is the general trend in melting points down group 6 from oxygen to polonium? Identify any melting point within this group that does not seem to fit the trend.

d The melting points of germanium and bromine are missing. Estimate these melting points and explain your reasoning.

Tick (✓) the correct boxes to show the typical properties of metals and non-metals.

	Good conductors of electricity	Most are brittle when solid	Most have high melting points
Metals			
Non-metals			