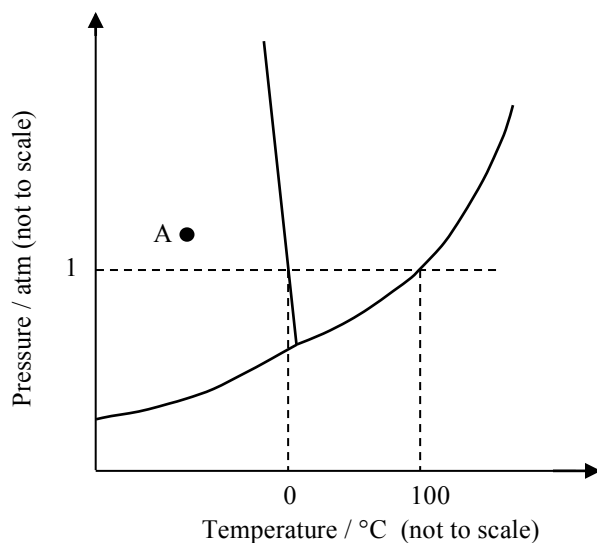


- Consider the pressure/temperature phase diagram of H₂O shown below.

Marks
6



Which phase exists at the point labelled A?

What are the temperature and pressure for the normal boiling point of water?

Use the phase diagram to explain why it takes longer to hard boil eggs on the top of a 4000 m high mountain rather than at sea level.

Use the phase diagram to explain why ice cubes float in water.