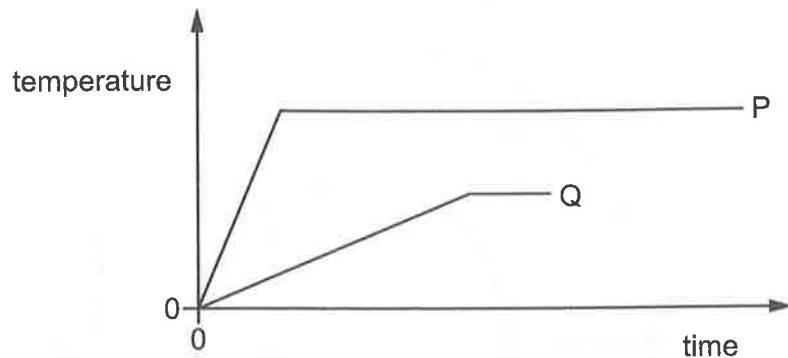


- 12 Thermal energy is supplied at the same rate to equal masses of two different solids, P and Q. The graphs show how the temperatures of the solids change with time. Each line finishes when the solid it represents has completely changed into liquid.



How do the values for the specific heat capacities and specific latent heats of fusion compare with each other?

	specific heat capacity of P	specific latent heat of fusion of P
A	larger than Q	larger than Q
B	larger than Q	smaller than Q
C	smaller than Q	larger than Q
D	smaller than Q	smaller than Q

- 13 The graph shows the variation with time t of the displacement x of an air molecule at a point in a