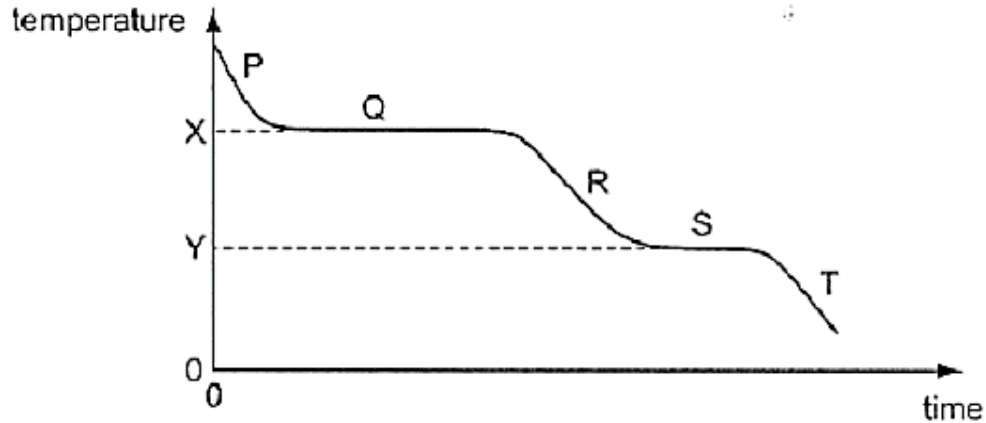


- 17 A vapour in a container is at a high temperature and loses heat to its surroundings. The rate of heat loss is taken to be constant.

The graph shows how its temperature changes over the next few minutes.



Which feature of the graph indicates that the specific latent heat of vaporisation of the substance is greater than its specific latent heat of fusion?

- A The gradient of the graph at P is greater than the gradient at R.
- B The gradient of the graph at T is greater than the gradient at R.
- C The length of the line Q is greater than the length of the line S.
- D The value of X is greater than the value Y.