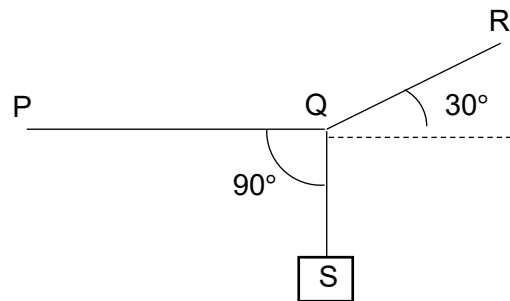


- 8 In the diagram below, a body S of weight  $W$  hangs vertically by a thread tied at Q to the string PQR.



If the system is in equilibrium, what is the tension in the section PQ?

- A**  $W \cos 30^\circ$       **B**  $W \cos 60^\circ$       **C**  $W \tan 30^\circ$       **D**  $W \tan 60^\circ$