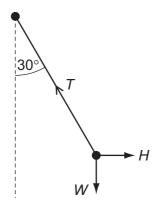
1 Which row shows an SI base quantity with its correct unit?

	SI base quantity	unit
Α	charge	coulomb
В	current	ampere
С	potential difference	volt
D	temperature	degree Celsius

2 A pendulum bob is held stationary by a horizontal force *H*. The three forces acting on the bob are shown in the diagram.



The tension in the string of the pendulum is T. The weight of the pendulum bob is W.

Which statement is correct?

- A $H = T \cos 30^{\circ}$
- **B** $T = H \sin 30^{\circ}$
- **C** $W = T \cos 30^{\circ}$
- **D** $W = T \sin 30^{\circ}$

Space for working