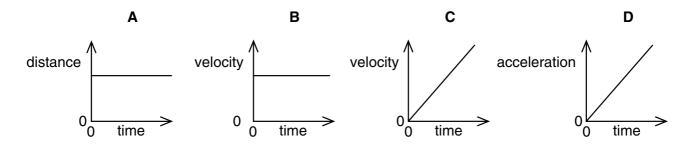
1 The prefix 'centi' indicates x 10^{-2} . That is, 1 centimetre is equal to 1×10^{-2} metre.

Which line in the table correctly indicates the prefixes micro, nano and pico?

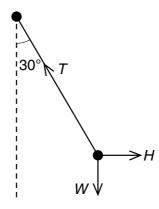
	×10 ⁻¹²	×10 ⁻⁹	×10 ⁻⁶
Α	nano	micro	pico
В	micro	pico	nano
С	pico	nano	micro
D	pico	micro	nano

2 A particle is moving in a straight line with uniform acceleration.

Which graph represents the motion of the particle?



3 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** $W = T \sin 30^{\circ}$