

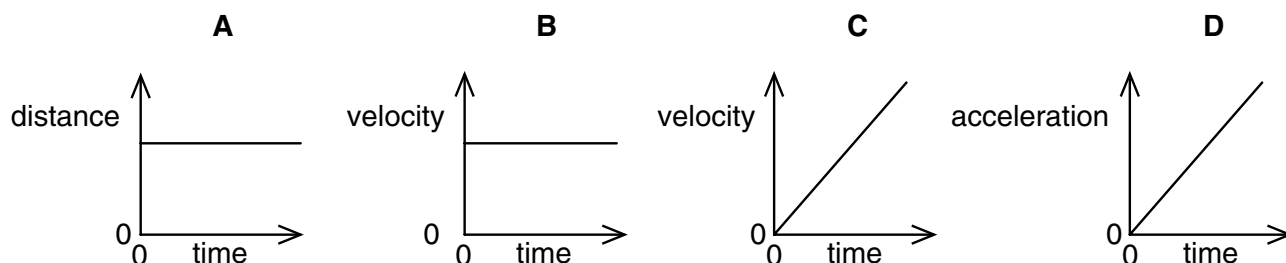
- 1 The prefix 'centi' indicates $\times 10^{-2}$. That is, 1 centimetre is equal to 1×10^{-2} metre.

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

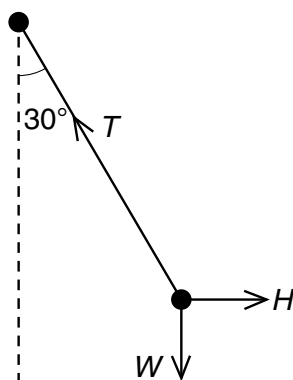
	$\times 10^{-12}$	$\times 10^{-9}$	$\times 10^{-6}$
A	nano	micro	pico
B	micro	pico	nano
C	pico	nano	micro
D	pico	micro	nano

- 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** $W = T \sin 30^\circ$