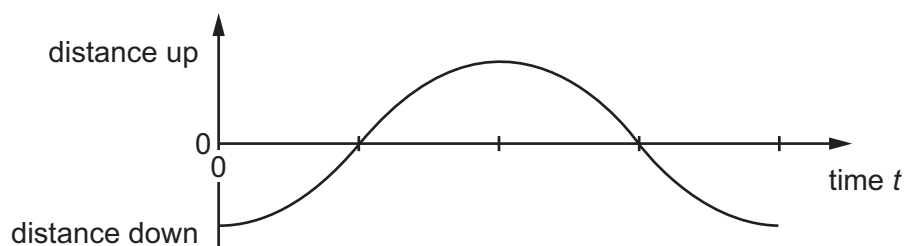
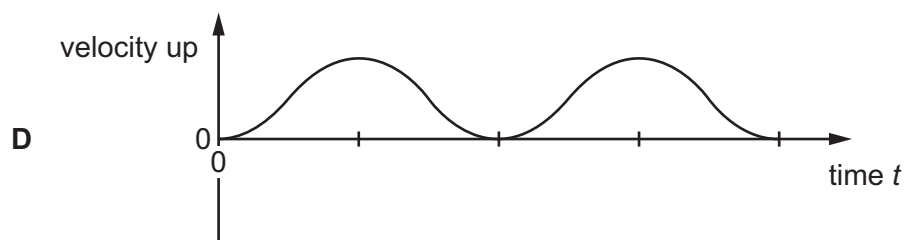
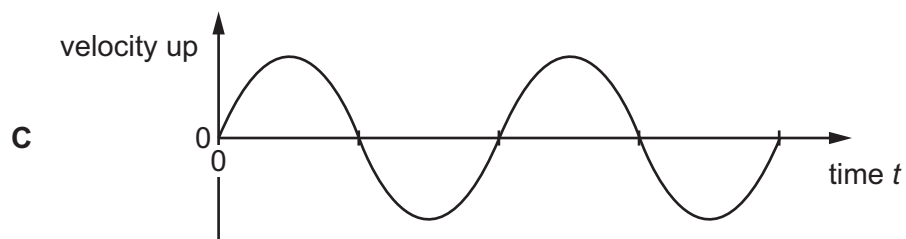
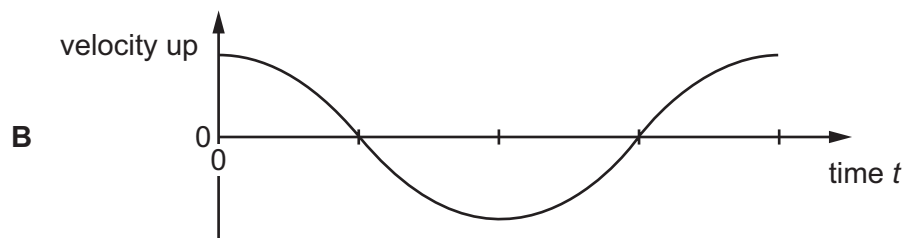
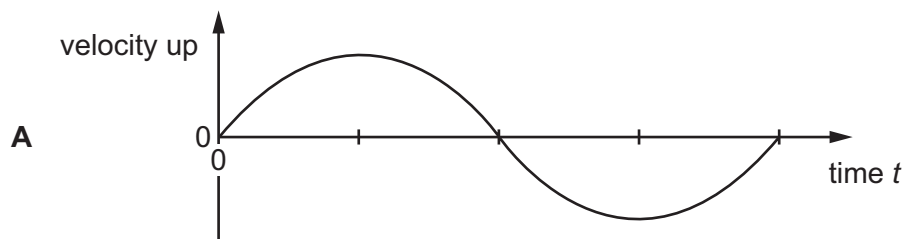


- 6 A mass on the end of a spring bounces up and down as shown, after being released at time $t = 0$.



Which graph shows how the velocity varies with time?



- 7 A stone is thrown vertically upwards from a point that is 12 m above the sea. It then falls into the sea below after 3.4 s.

Air resistance is negligible.

At which speed was the stone released when it was thrown?

- A** 3.5 ms^{-1} **B** 6.6 ms^{-1} **C** 13 ms^{-1} **D** 20 ms^{-1}