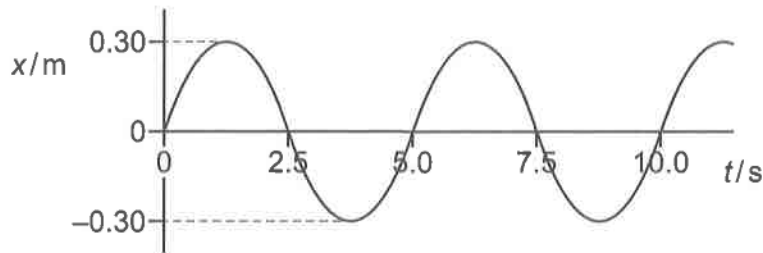14 A pendulum oscillates with simple harmonic motion.

Its motion is represented by the graph of its displacement x against time t.

Which equation relates the velocity v of the pendulum, in ms^{-1}, to the time t in s?

A $\quad v = 0.30 \cos 1.3t$

B $\quad v = 0.30 \cos 31t$

C $\quad v = 0.38 \cos 1.3t$

D $\quad v = 9.4 \cos 31t$