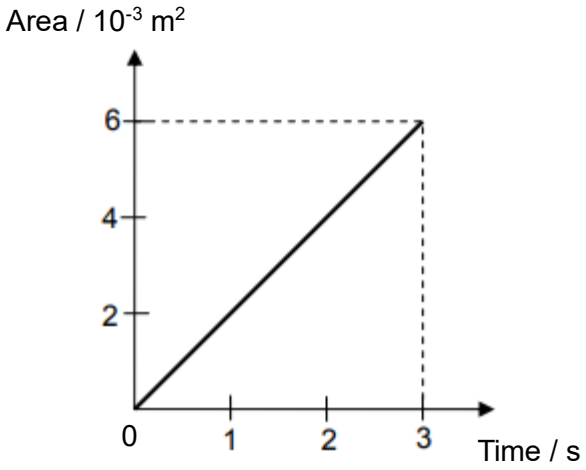
25 A single circular loop of wire moves in a uniform magnetic field of flux density 1.2 T.

The graph shows how the area of the loop perpendicular to the magnetic field varies with time.



What is the e.m.f. induced?

A 1.2×10^{-3} V **B** 2.4×10^{-3} V **C** 3.6×10^{-3} V **D** 7.2×10^{-3} V