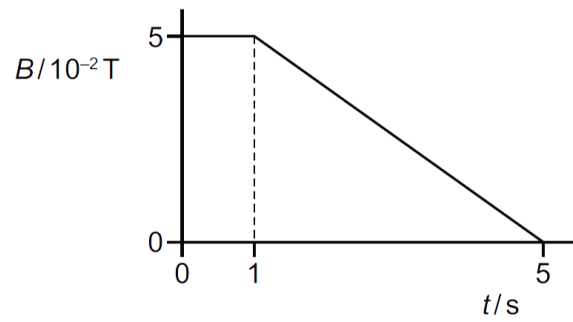


- 26** A 120 turn coil of area $5.0 \times 10^{-4} \text{ m}^2$ is placed in a magnetic field of strength $5.0 \times 10^{-2} \text{ T}$. The magnetic flux density B is then varied as shown.



What is the induced electromotive force when $t = 3 \text{ s}$?

- A** $6.25 \mu\text{V}$ **B** $600 \mu\text{V}$ **C** $750 \mu\text{V}$ **D** $1250 \mu\text{V}$