

- 25 A short magnet falls through a long coil of wire connected to a sensitive voltmeter as shown in diagram 1a. The graph that represents the variation with time t of the reading V on the voltmeter is shown in diagram 1b.

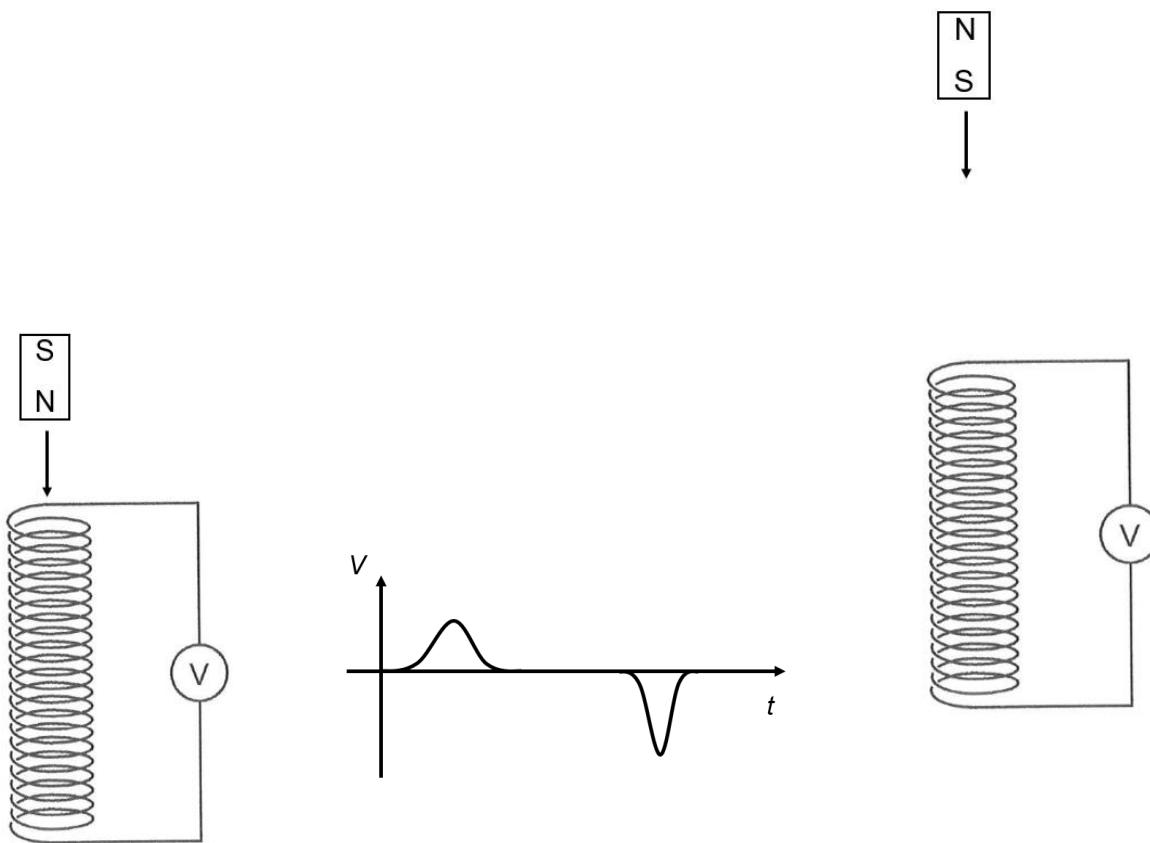
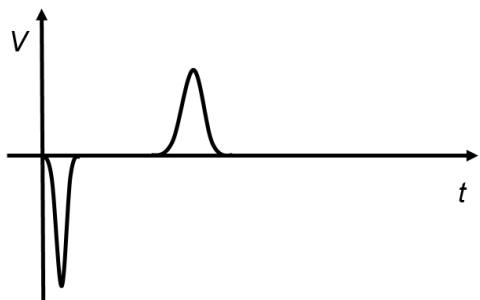
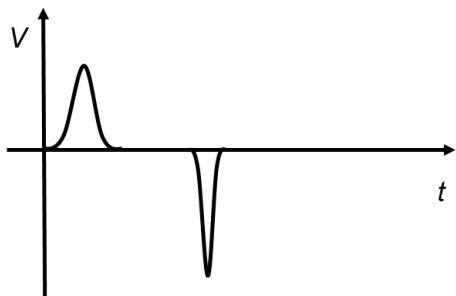
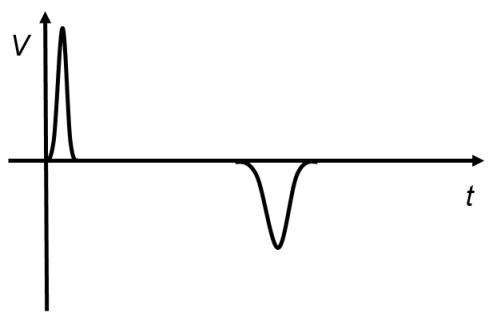


diagram 1b

diagram 1a

diagram 2

Which graph represents the variation with time t of the reading V on the voltmeter when the short magnet is being drop from a greater height above the coil as shown in diagram 2?

A**B****C****D**