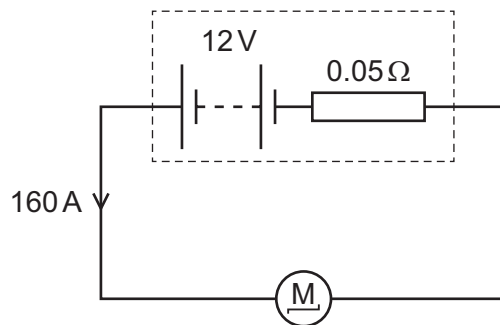


- 36** A car battery has an electromotive force (e.m.f.) of 12 V and an internal resistance of $0.05\ \Omega$. The battery is connected to the starter motor of a car. The current in the motor is 160 A .



What is the terminal p.d. across the battery?

- A** 0 V **B** 4 V **C** 8 V **D** 12 V