

35 A source of e.m.f. of 9.0 mV has an internal resistance of 6.0Ω .

It is connected across a galvanometer of resistance 30Ω .

What will be the current in the galvanometer?

A $250\mu\text{A}$

B $300\mu\text{A}$

C 1.5 mA

D 2.5 mA

Space for working