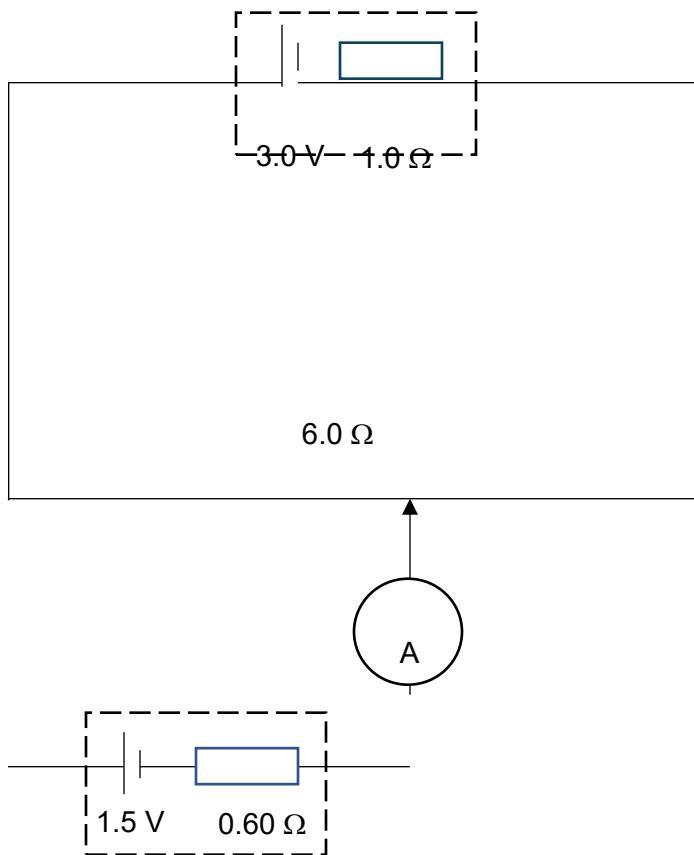


- 22** A potentiometer circuit is set up by connecting a cell with e.m.f. 3.0 V and internal resistance 1.0 Ω across a resistance wire of length 1.0 m and resistance 6.0 Ω .

Another cell of e.m.f. 1.5 V and internal resistance 0.60 Ω is connected to the bottom of the potentiometer:



What is the balance length for the circuit?

- A** 0.086 m **B** 0.10 m **C** 0.50 m **D** 0.58 m

