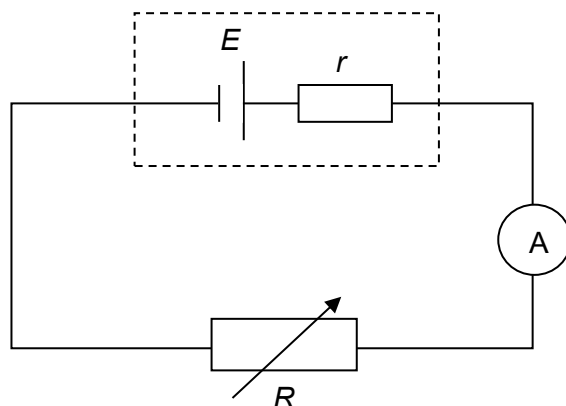


- 25 A battery of e.m.f. E and internal resistance r delivers a current I through a variable resistance R .



R is set at two different values and the corresponding currents I are measured using an ammeter of negligible resistance.

R / Ω	I / A
3.0	1.00
12.0	0.40

What is the value of the internal resistance r ?

- A** 1.3Ω **B** 3.0Ω **C** 6.0Ω **D** 13.0Ω

