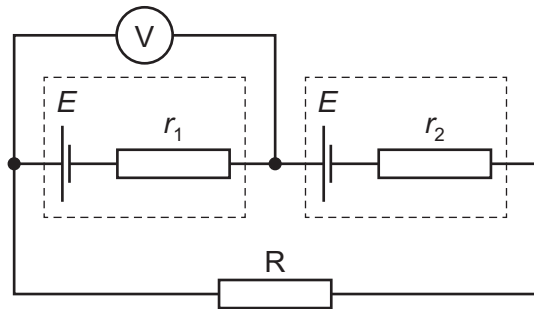


- 36 Two cells, each with electromotive force (e.m.f.) E , but different internal resistances r_1 and r_2 , are connected in series to a resistor R . The reading on the voltmeter is 0 V.



What is the resistance of R ?

- A 0 B $r_1 - r_2$ C $r_1 + r_2$ D $\frac{r_1 r_2}{r_1 + r_2}$