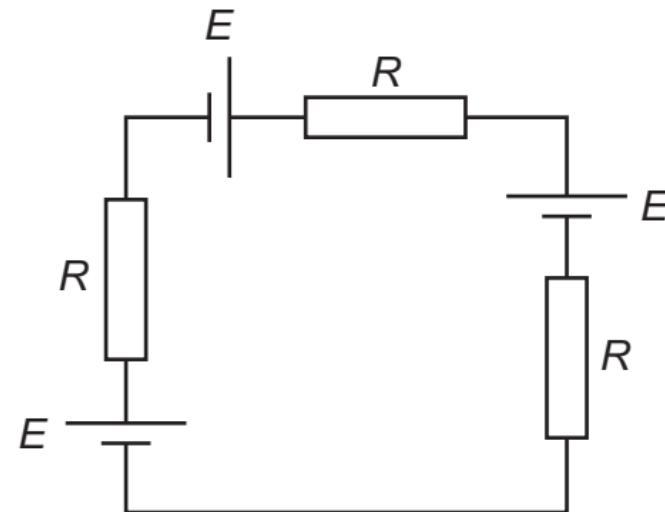


- 36 Three identical cells each have electromotive force (e.m.f.)  $E$  and negligible internal resistance. The cells are connected to three identical resistors, each of resistance  $R$ , as shown.



What is the potential difference across one of the resistors?

A 0

B  $\frac{E}{3}$

C  $\frac{2E}{3}$

D  $E$