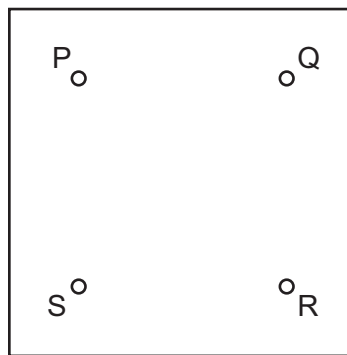


**36** A box with four terminals P, Q, R and S contains two identical resistors.



When a battery of electromotive force (e.m.f.)  $E$  and negligible internal resistance is connected across PS, a high-resistance voltmeter connected across QR reads  $\frac{E}{2}$ .

Which diagram shows the correct arrangement of the two resistors inside the box?

