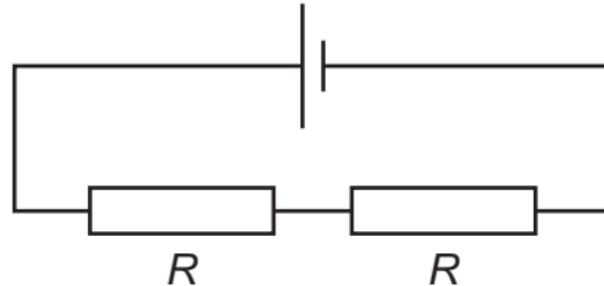
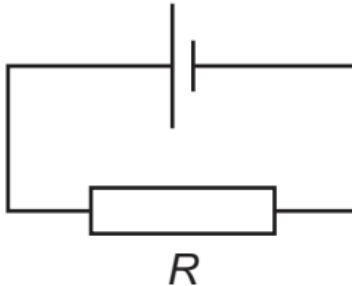


**32** The diagrams show two different circuits.



The cells in each circuit have the same electromotive force (e.m.f.) and negligible internal resistance. The three resistors each have the same resistance  $R$ .

In the circuit on the left, the power dissipated in the resistor is  $P$ .

What is the total power dissipated in the circuit on the right?

**A**  $\frac{P}{4}$

**B**  $\frac{P}{2}$

**C**  $P$

**D**  $2P$