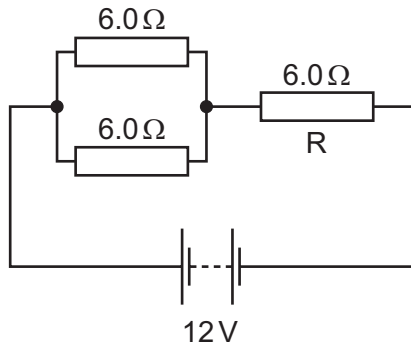


- 34** A battery of electromotive force (e.m.f.)  $12\text{ V}$  and negligible internal resistance is connected to three resistors, each of resistance  $6.0\ \Omega$ , as shown.



What is the power dissipated in resistor  $R$ ?

- A**  $2.7\text{ W}$                       **B**  $6.0\text{ W}$                       **C**  $11\text{ W}$                       **D**  $24\text{ W}$