

- 27** A battery of e.m.f.  $6.0\text{ V}$  and internal resistance  $0.40\ \Omega$  is connected to an external resistor of resistance  $2.9\ \Omega$ .

What is the power supplied to the external resistor?

- A**  $1.3\text{ W}$                       **B**  $5.3\text{ W}$                       **C**  $9.6\text{ W}$                       **D**  $12.4\text{ W}$