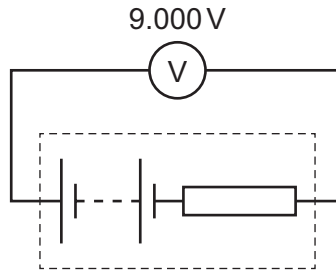
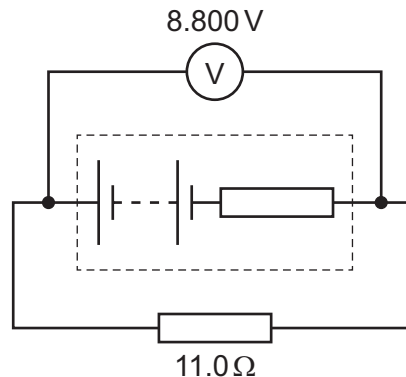


- 34** A voltmeter reads  $9.000\text{ V}$  when it is connected across the terminals of a battery.



When a resistor of resistance  $11.0\,\Omega$  is connected in parallel with the battery, the voltmeter reading changes to  $8.800\text{ V}$ .



What is the internal resistance of the battery?

- A**  $0.244\,\Omega$       **B**  $0.250\,\Omega$       **C**  $10.8\,\Omega$       **D**  $11.3\,\Omega$