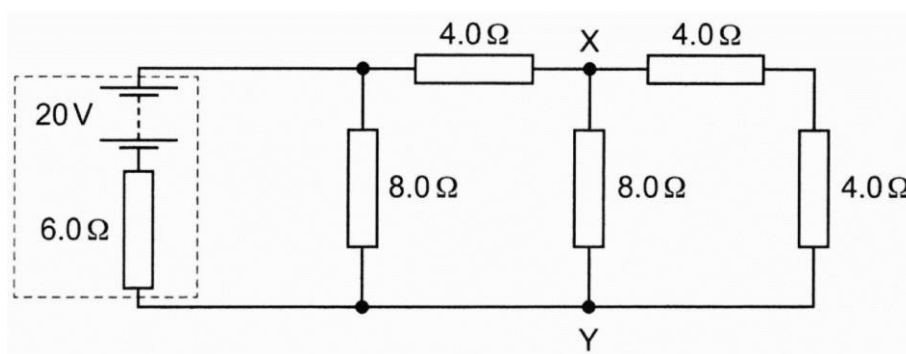


- 24** A battery of e.m.f.  $20\text{ V}$  and internal resistance  $6.0\ \Omega$  is connected to a network of resistors.



What is the potential difference between junctions X and Y?

- A**  $2.0\text{ V}$       **B**  $4.0\text{ V}$       **C**  $6.0\text{ V}$       **D**  $8.0\text{ V}$