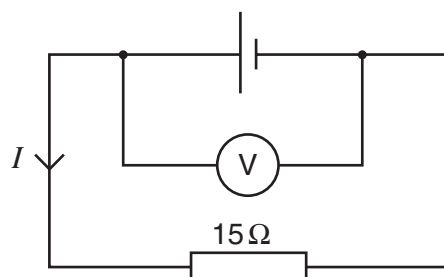
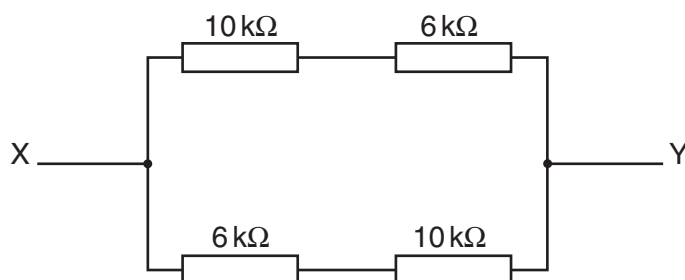


- 32** The e.m.f. of the cell in the following circuit is 9.0 V. The reading on the high-resistance voltmeter is 7.5 V.



What is the current  $I$ ?

- A** 0.1 A      **B** 0.5 A      **C** 0.6 A      **D** 2.0 A
- 33** The diagram shows an arrangement of four resistors.



What is the resistance between X and Y?

- A** 4 k $\Omega$       **B** 8 k $\Omega$       **C** 16 k $\Omega$       **D** 32 k $\Omega$