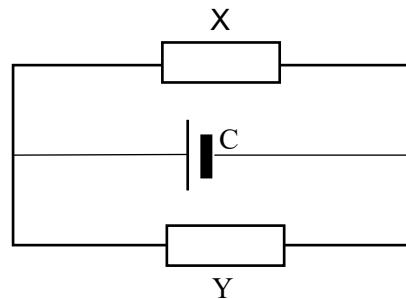


- 17** In the circuit shown, each of the resistors X and Y has resistance 6.0  $\Omega$ .

The cell C has e.m.f. 12 V and internal resistance 3.0  $\Omega$ .



What is the current in Y?

**A** 0.50 A

**B** 1.0 A

**C** 2.0 A

**D** 4.0 A