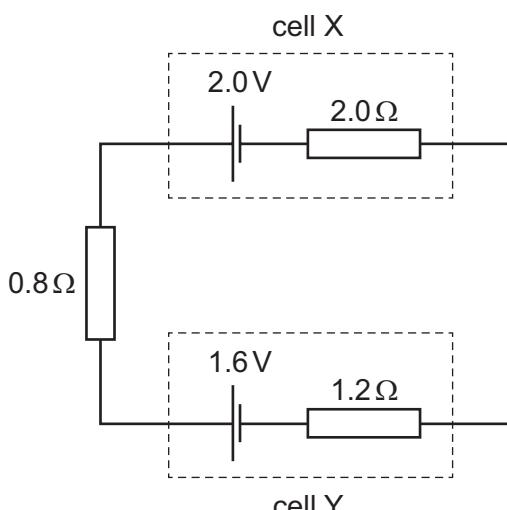


- 33 Cell X has an e.m.f. of 2.0V and an internal resistance of 2.0Ω . Cell Y has an e.m.f. of 1.6V and an internal resistance of 1.2Ω . These two cells are connected to a resistor of resistance 0.8Ω , as shown.



What is the current in cell X?

- A** 0.10 A **B** 0.50 A **C** 0.90 A **D** 1.0 A

Space for working