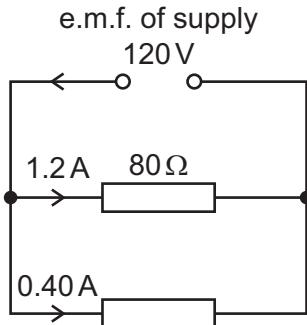


- 37 The electromotive force of a power supply is 120V. It delivers a current of 1.2A to a resistor of resistance 80Ω and a current of 0.40A to another resistor, as shown.



What is the internal resistance of the power supply?

A 15Ω

B 20Ω

C 60Ω

D 75Ω