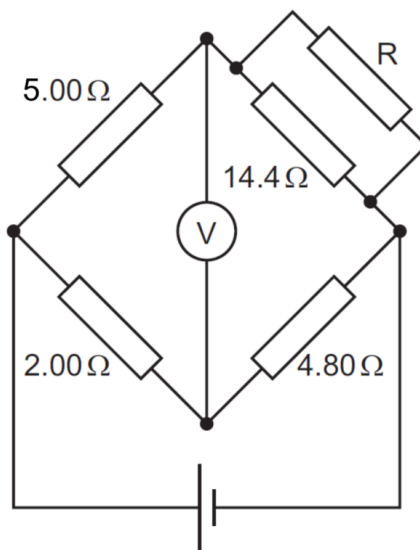


- 24** A cell of negligible internal resistance is connected to a network of resistors and a voltmeter, as shown.



The reading on the voltmeter is zero.

What is the resistance of resistor R?

- A**  $0\ \Omega$                       **B**  $2.40\ \Omega$                       **C**  $14.4\ \Omega$                       **D**  $72.0\ \Omega$