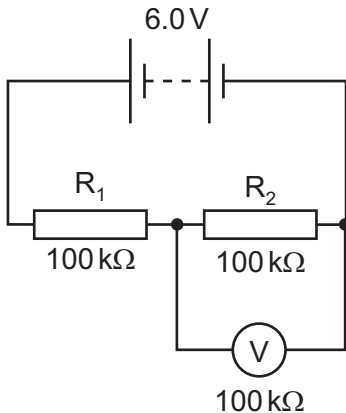


- 37 In the circuit shown, the 6.0 V battery has negligible internal resistance. Resistors  $R_1$  and  $R_2$  and the voltmeter each have a resistance of  $100\text{ k}\Omega$ .



What is the current in the resistor  $R_2$ ?

- A**  $20\text{ }\mu\text{A}$                       **B**  $30\text{ }\mu\text{A}$                       **C**  $40\text{ }\mu\text{A}$                       **D**  $60\text{ }\mu\text{A}$