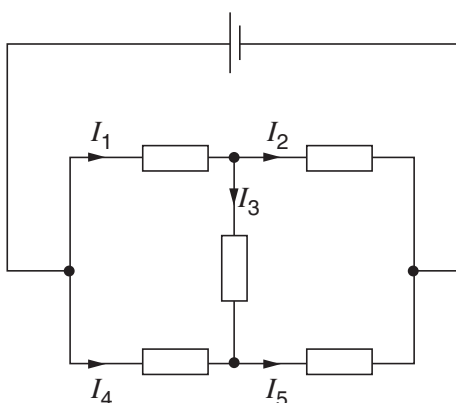


**32** The diagram shows currents  $I_1$ ,  $I_2$ ,  $I_3$ ,  $I_4$  and  $I_5$  in different branches of a circuit.



Which one of the following is correct?

- A**  $I_1 = I_2 + I_3$
- B**  $I_2 = I_1 + I_3$
- C**  $I_3 = I_4 + I_5$
- D**  $I_4 = I_5 + I_3$

**33** Which diagram shows a potential divider circuit that can vary the voltage across the lamp?

