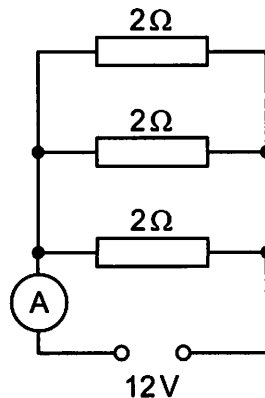


- 23** The diagram shows a circuit containing a 12V source of constant e.m.f. and three resistors each of resistance 2Ω . An ammeter measures the current leaving the source.



How will the ammeter reading change, if the connection to one of the resistors is broken?

- A** decreases by 6 A
- B** decreases by 1 A
- C** increases by 1 A
- D** increases by 6 A