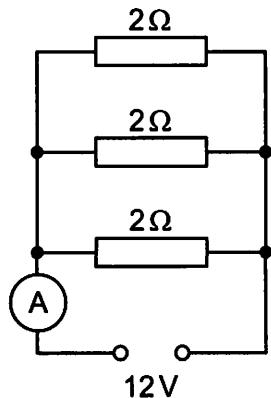


- 23 The diagram shows a circuit containing a 12V source of constant e.m.f. and three resistors each of resistance  $2\Omega$ . An ammeter measures the current leaving the source.



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

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