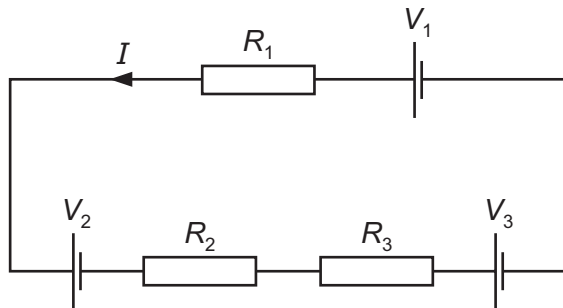


- 34** Three cells with e.m.f.s V_1 , V_2 and V_3 , have negligible internal resistance. These cells are connected to three resistors with resistances R_1 , R_2 and R_3 , as shown.



The current in the circuit is I .

Which equation is correct?

- A** $V_1 + V_2 + V_3 = I(R_1 + R_2 + R_3)$
- B** $V_1 + V_2 - V_3 = I(R_1 + R_2 + R_3)$
- C** $V_1 - V_2 + V_3 = I(R_1 + R_2 + R_3)$
- D** $V_1 - V_2 - V_3 = I(R_1 + R_2 + R_3)$