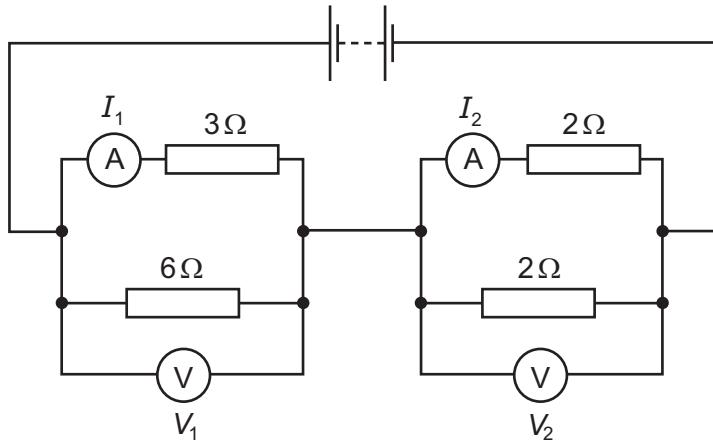


- 37 In the circuit shown, the ammeters have negligible resistance and the voltmeters have infinite resistance.



The readings on the meters are I_1 , I_2 , V_1 and V_2 , as labelled on the diagram.

Which statement is correct?

- A $I_1 > I_2$ and $V_1 > V_2$
- B $I_1 > I_2$ and $V_1 < V_2$
- C $I_1 < I_2$ and $V_1 > V_2$
- D $I_1 < I_2$ and $V_1 < V_2$

Space for working