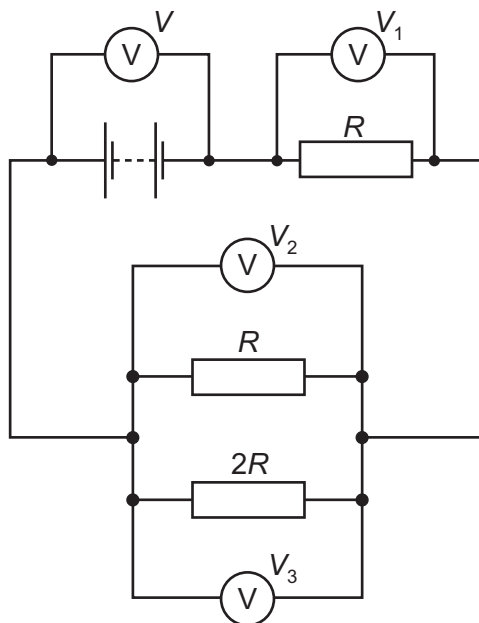


35 The diagram shows a circuit with four voltmeter readings  $V$ ,  $V_1$ ,  $V_2$  and  $V_3$ .



Which equation relating the voltmeter readings must be true?

- A  $V = V_1 + V_2 + V_3$
- B  $V + V_1 = V_2 + V_3$
- C  $V_3 = 2(V_2)$
- D  $V - V_1 = V_3$

**Space for working**