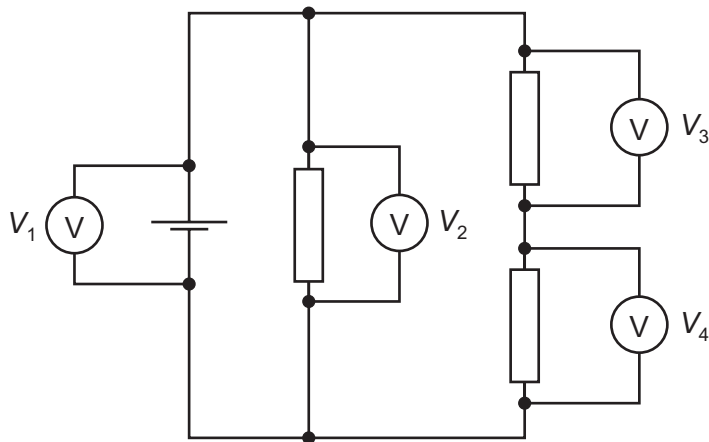


- 36** The diagram shows a circuit containing four voltmeters. The readings on the voltmeters are V_1 , V_2 , V_3 and V_4 . All the readings are positive.



Which equation relating the voltmeter readings is correct?

- A** $V_1 = V_2 + V_4$
- B** $V_1 = V_2 + V_3 + V_4$
- C** $V_2 + V_3 = V_4$
- D** $V_3 + V_4 - V_2 = 0$