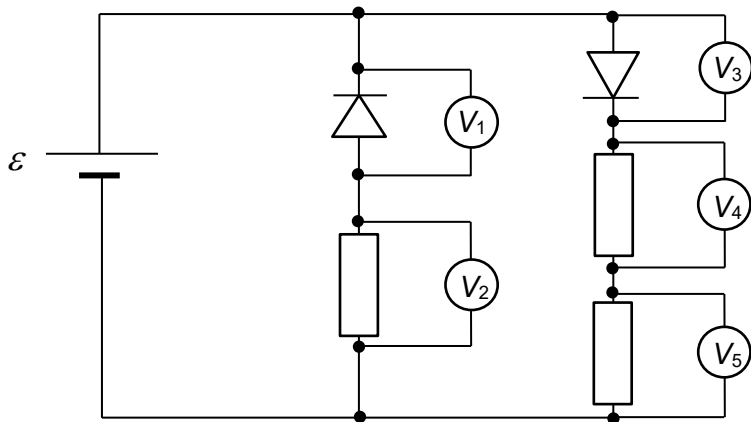


- 22** A circuit consisting of a battery, two ideal diodes and three identical resistors is shown below. The potential difference across each component is measured using ideal voltmeters.



Which statement is correct?

- A** The reading in V_1 is zero.
- B** The reading in V_2 is equal to the sum of the readings in V_4 and V_5 .
- C** The readings in V_2 and V_3 are the same.
- D** The readings in V_3 , V_4 and V_5 are the same.