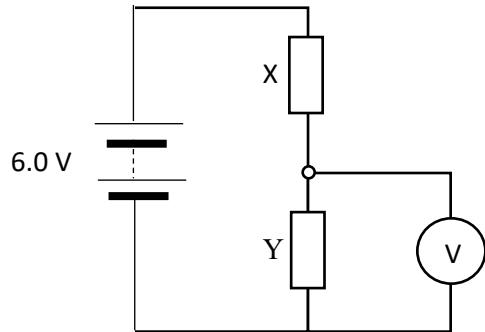


- 18** In the circuit shown, resistors X and Y, each of resistance  $R$ , are connected to a 6.0 V battery of negligible internal resistance. A voltmeter, also of resistance  $R$ , is connected across Y.



What is the reading of the voltmeter?

**A** 1.0 V

**B** 2.0 V

**C** 3.0 V

**D** 4.0 V

