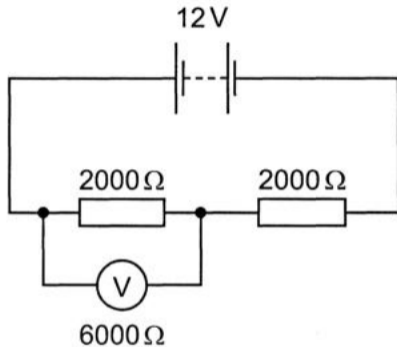


- 29 A 12 V battery of negligible internal resistance is connected across two $2000\ \Omega$ resistors in series. A voltmeter of resistance $6000\ \Omega$ is connected in parallel across one of the resistors.



What will be the reading on the voltmeter?

- A** 5.14 V **B** 6.00 V **C** 6.86 V **D** 7.20 V

30 A charged particle is moving in a region where there is a uniform magnetic field acting out of the