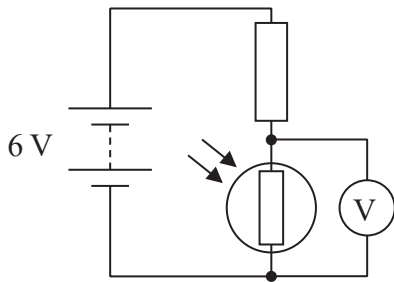


- 6 A light-dependent resistor (LDR) and resistor are connected in series with a 6 V battery as shown. A voltmeter measures the potential difference across the LDR.



In daylight the voltmeter reads 3.0 V.

Which reading is most likely if the circuit is now in total darkness?

- ☐ A a little above 0 V
- ☐ B a little below 3 V
- ☐ C a little above 3 V
- ☐ D a little below 6 V

(Total for Question 6 = 1 mark)