37 A network consists of a 3.0 Ω resistor and two 6.0 Ω resistors, as shown.
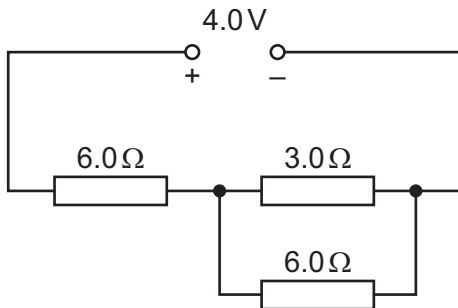

The potential difference (p.d.) across the network is 4.0 V.

What is the current through the 3.0 Ω resistor?

A   0.17 A   **B**   0.25 A   **C**   0.33 A   **D**   1.3 A