

## Series and parallel circuits

**Complete the sentences with the words below. Each word can be used only once.**

(5 marks, ★★★)

In a series circuit, current is the ..... throughout the circuit and potential difference ..... across the components. In a parallel circuit, ..... is the same across each branch of the circuit and current splits through the parallel branches. An ammeter must be connected in ..... to work correctly. A voltmeter must be connected in ..... to work correctly.

series	splits	potential difference	resistance	current
parallel	same	energy	circuit	battery