

Solutions

Each answer shows the steps, then the **result**.

2.1

- in series

2.2

- in parallel with the component

2.3

- a closed circuit is a complete loop that carries current; an open circuit is broken, so no current flows

3.1 A

3.2 B

3.3

(a)

- in series

(b)

- in parallel with the resistor

(c)

- so it draws almost no current and does not disturb the circuit it measures