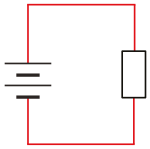
A simple circuit: one loop

Making measurements and doing calculations



Copy the circuit and show where you placed your meters

Record your measurements

V = volt

I = ampere

Calculate the resistance

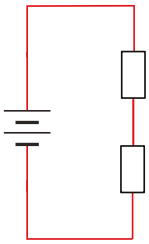
$$R = \frac{V}{I}$$

$$R = \frac{\text{volt}}{\text{ampere}}$$

R = ohm (sf)

A circuit with series connections: still one loop

Making measurements and doing calculations



Copy the circuit and show where you placed your meters

Record your measurements

V = volt

I = ampere

Calculate the resistance

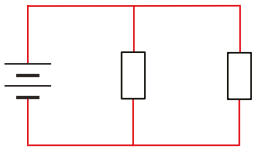
$$R = \frac{V}{I}$$

$$R = \frac{\text{volt}}{\text{ampere}}$$

R = ohm (sf)

A circuit with parallel connections: two loops

Making measurements and doing calculations



Copy the circuit and show where you placed your meters

Record your measurements

V = volt

I = ampere

Calculate the resistance

$$R = \frac{V}{I}$$

$$R = \frac{\text{volt}}{\text{ampere}}$$

R = ohm (sf)