



Current in Series & Parallel Circuits

Name _____

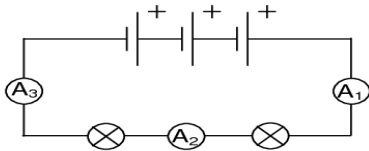
Current is the "flow" of electricity.

We measure current with an _____, and the units are called " _____", or " _____" for short.

We put our ammeter in _____ with the thing we're measuring.

Series Circuits

Set up this circuit, put your ammeter where it says "A₁", then "A₂" etc, and WRITE DOWN the readings:-

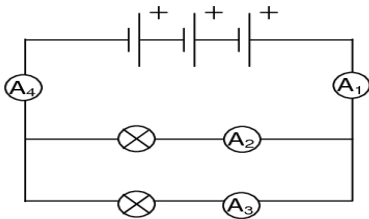


A₁ = _____ Amps
A₂ = _____ Amps
A₃ = _____ Amps

So the **current** is _____
all the way round a series circuit

Parallel Circuits

Now set up this circuit, put your ammeter where it says "A₁", then "A₂" etc, and again WRITE DOWN the readings:-



A₁ = _____ Amps
A₂ = _____ Amps
A₃ = _____ Amps
A₄ = _____ Amps

What do you notice about A₁ and A₄?

What happens if you add A₂ and A₃ together? _____

So the **current** is _____
in a parallel circuit