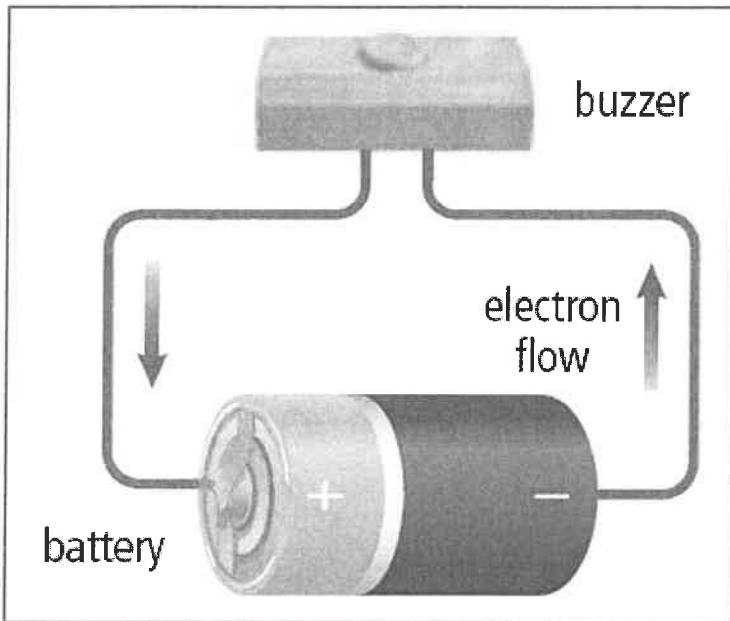


Name: _____

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Science 9 8.2 Electric Current

A complete pathway that allows electrons to _____ is called an _____ . Electrons flow through devices (_____) in the circuit that _____ electricity to other forms of energy.



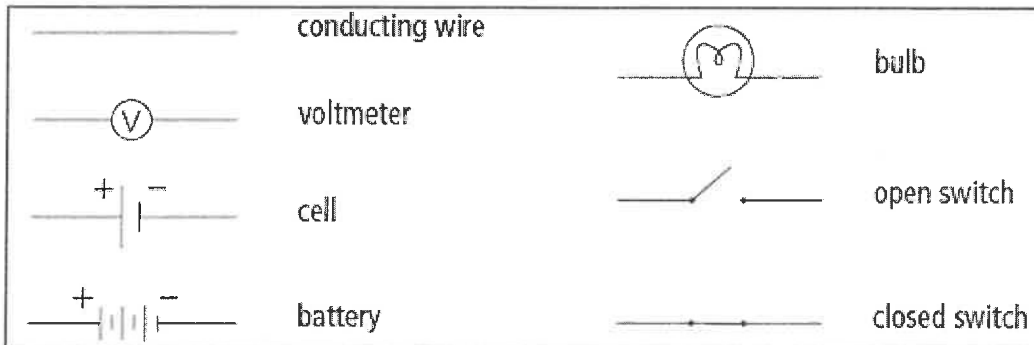
Basic Circuit Components

_____ : source of energy (either a _____ or a _____)

_____ : wire where current flows (usually a _____)

_____ : turns electricity into other forms (for example: _____)

_____ : turns circuit on or off (switch open = _____
switch closed = _____)



Current Flow

The continuous flow of charge in a complete circuit is called

_____.

_____ is defined as _____.

_____ is measured in _____ () and can be detected with an _____.

Conventional Current

Scientists today know that the flow of electricity is from _____ (it follows the flow of **electrons**).

However, in the early days of electricity research, scientist mistakenly believed electricity flowed from _____.

Descriptions of this flow from positive to negative still exists today, and is called _____.