



This is a simple series circuit. Draw the circuit diagram in the box opposite.

**Keywords**

amps  
ammeter

bulb

charge  
conductor  
copper  
current

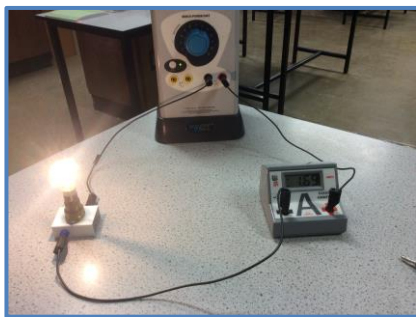
charge

insulator

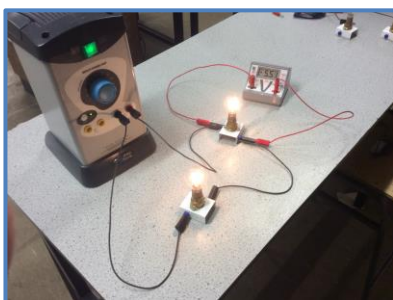
power pack  
potential  
difference  
(voltage)

voltmeter  
volts

wire



This circuit shows three pieces of equipment. Draw a circuit diagram and label each piece of equipment.

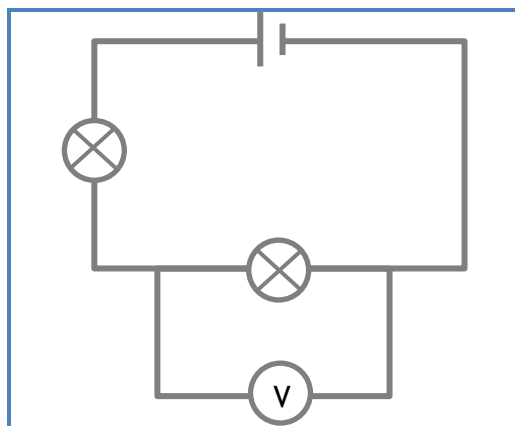
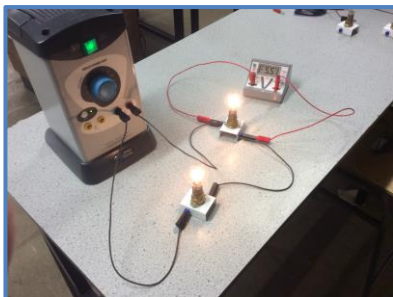
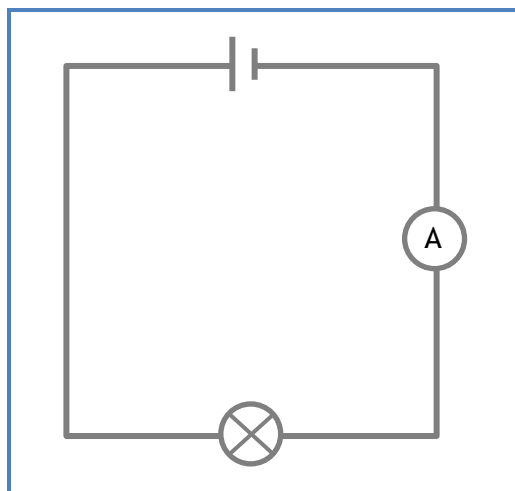
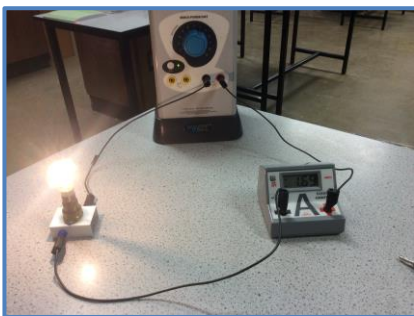
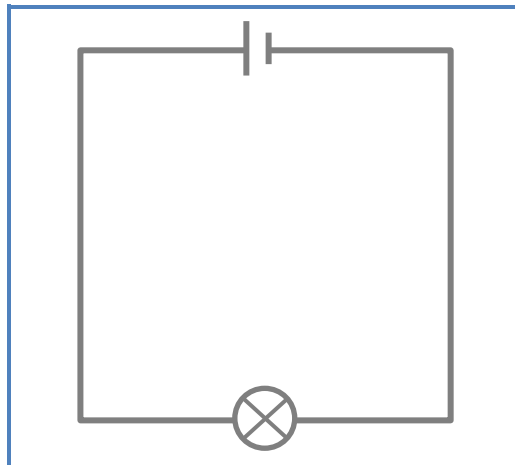


Draw this circuit diagram in the box opposite. Label each piece of equipment.

What is the rule for placing an ammeter in a circuit and what does it measure?

What is the rule for placing a voltmeter in a circuit and what does it measure?

Answers



What is the rule for placing an ammeter in a circuit and what does it measure?  
 The ammeter measures current. It is placed in series

What is the rule for placing a voltmeter in a circuit and what does it measure?  
 The voltmeter measures potential difference across a component. It is placed in parallel to the component that you want to measure.