

# Power supply, conduction, insulation and protection

Complete this Concept Review so you can keep a record of what you have learned.



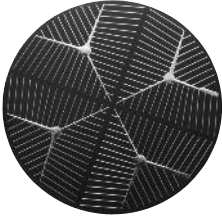
## Definitions

- An electrical function is \_\_\_\_\_  
\_\_\_\_\_
- Power supply is \_\_\_\_\_  
\_\_\_\_\_
- Conduction is \_\_\_\_\_  
\_\_\_\_\_
- A printed circuit is \_\_\_\_\_  
\_\_\_\_\_
- Insulation is \_\_\_\_\_  
\_\_\_\_\_
- Protection is \_\_\_\_\_  
\_\_\_\_\_
- A resistor is \_\_\_\_\_  
\_\_\_\_\_

## How two protective devices work

Fuse	Breaker
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
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## Advantages and disadvantages of various power supplies

Source	Advantages	Disadvantages
 <p>Battery</p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
 <p>Electrical outlet</p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
 <p>Photovoltaic cell</p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

## Determining the value of an electrical resistor

