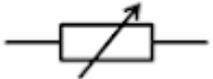
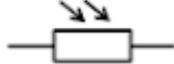


# Circuitos – Conceptos básicos

# Componentes básicos

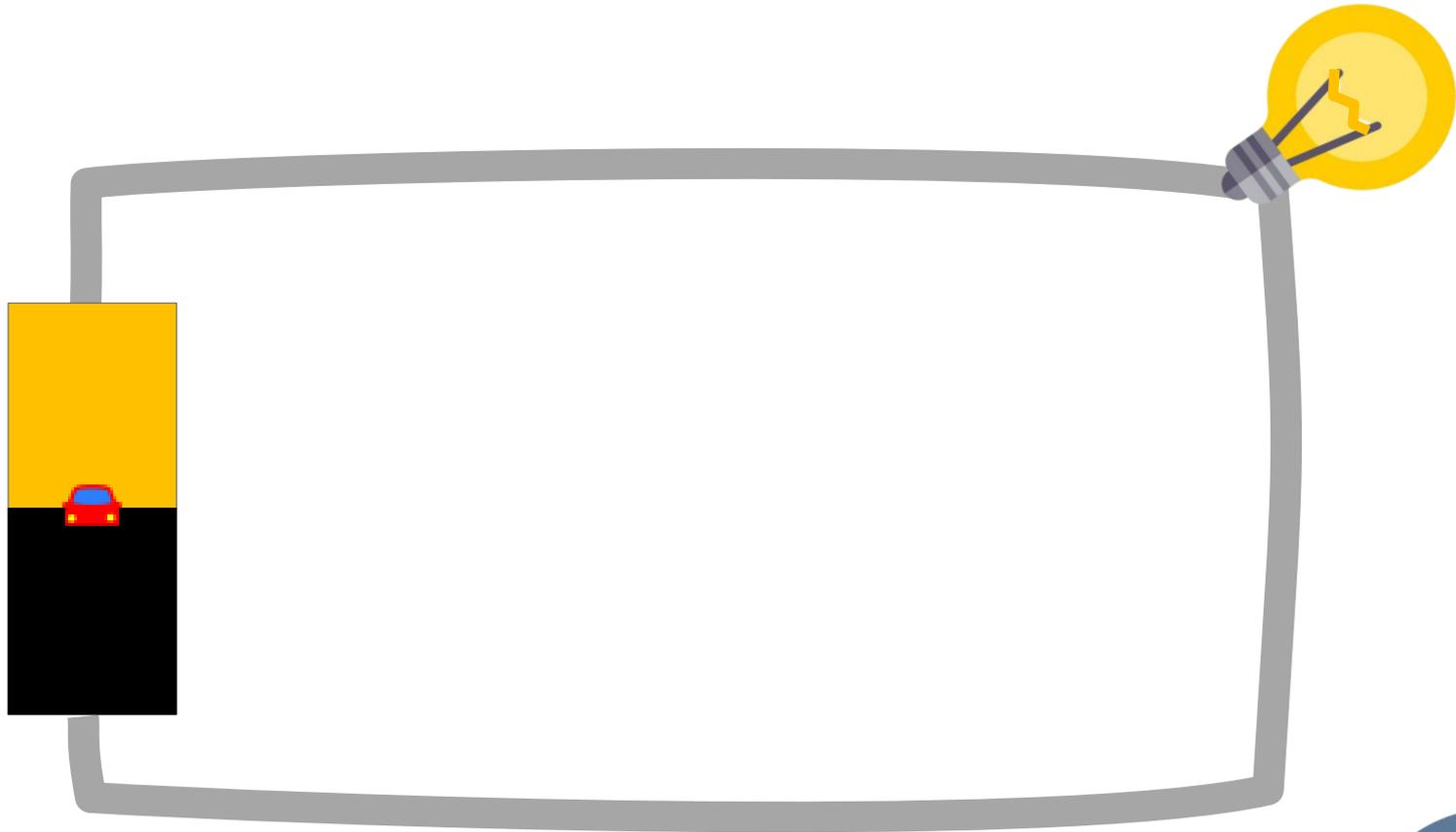
Componente	Simbolo	Imagen
Pila		
Motor eléctrico		
Bombilla		
Resistencia fija		
Potenciómetro		
LDR		
Interruptor		
Pulsador		
Diodo		
LED		

¿Qué es la electricidad?



# ¿Cómo funciona un circuito básico?

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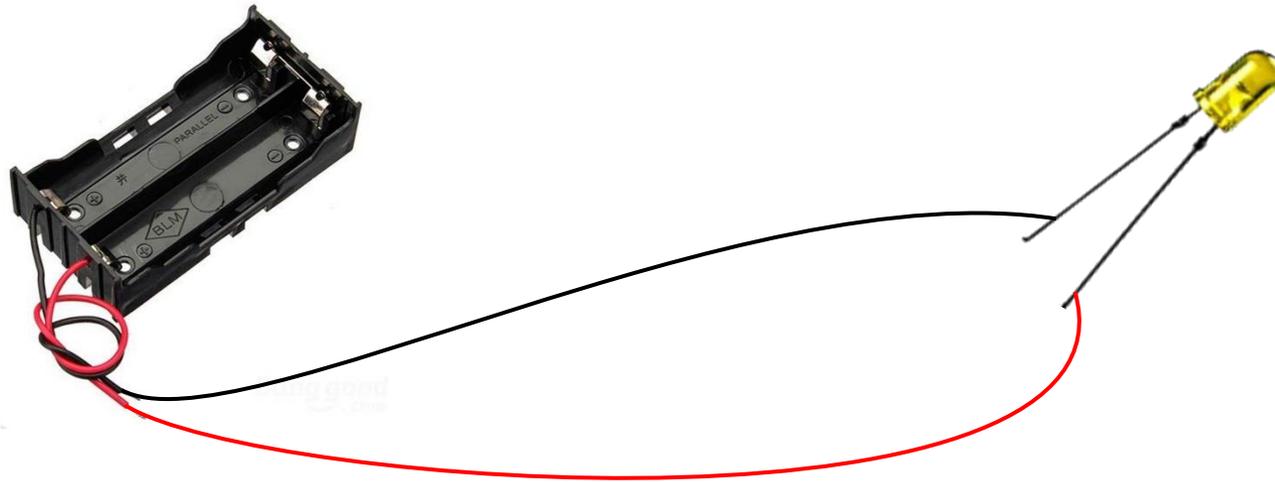


Circuitos directos



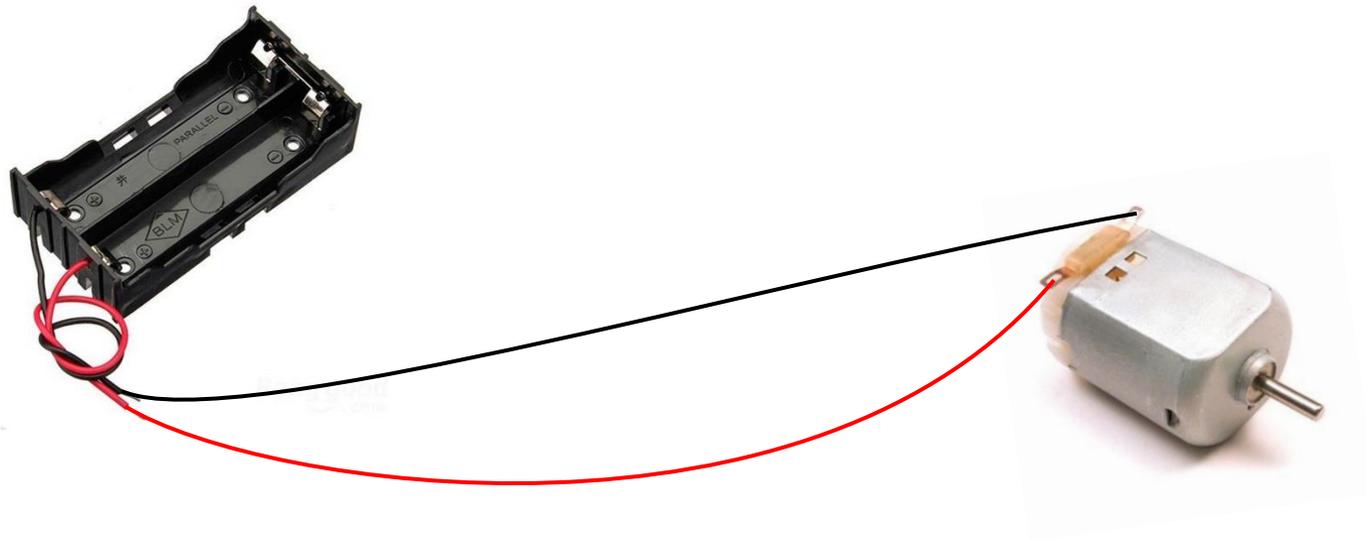
# Circuito con luz

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# Circuito con motor

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Interruptiones



# ¿Qué es un interruptor?

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# Existen dos tipos de interruptores

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## Interruptor

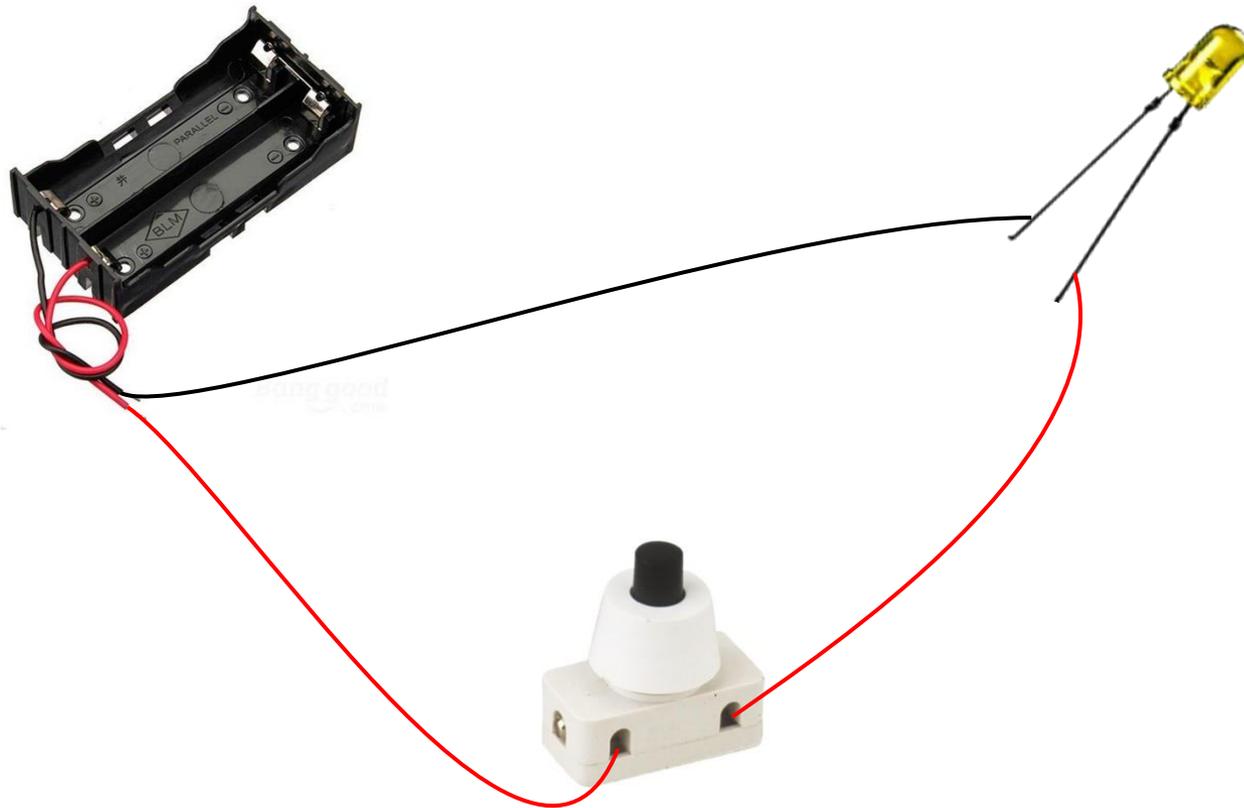


## Pulsador

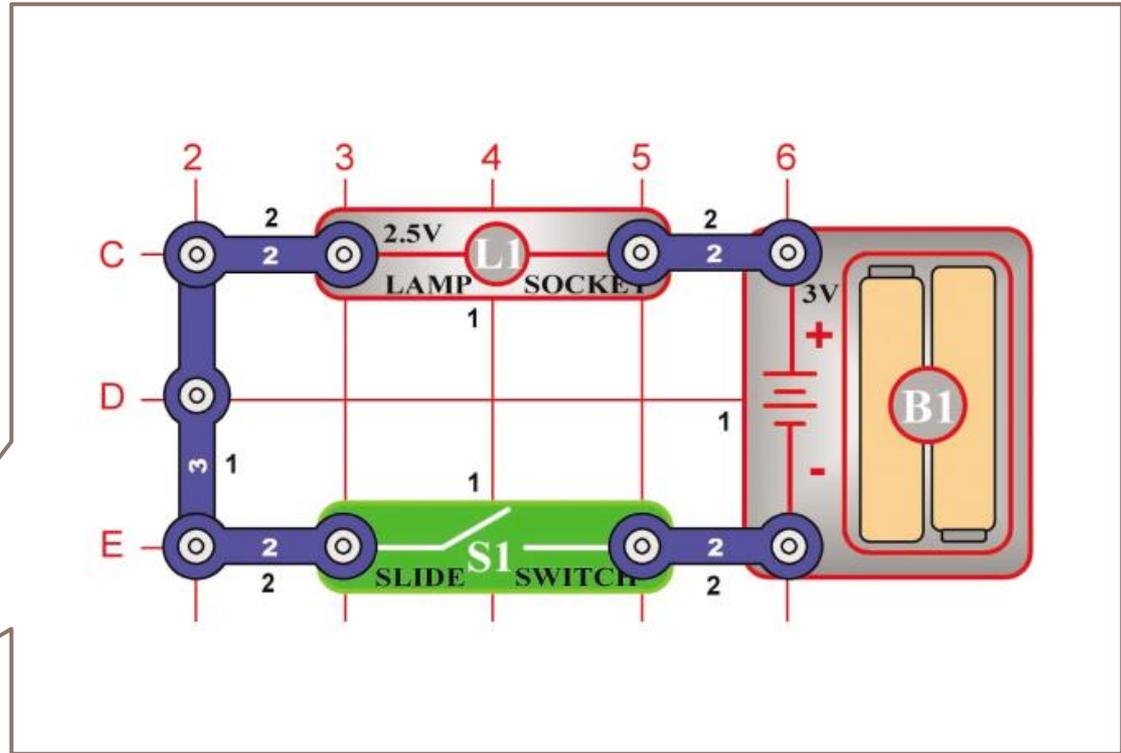
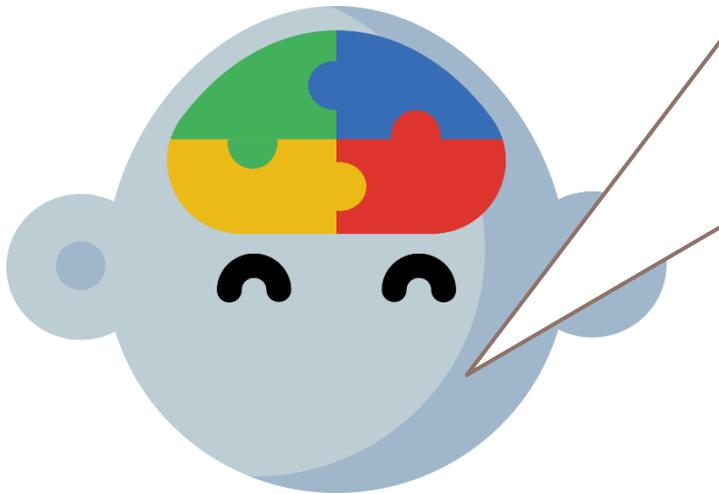


# CIRCUITO CON LUZ E INTERRUPTOR

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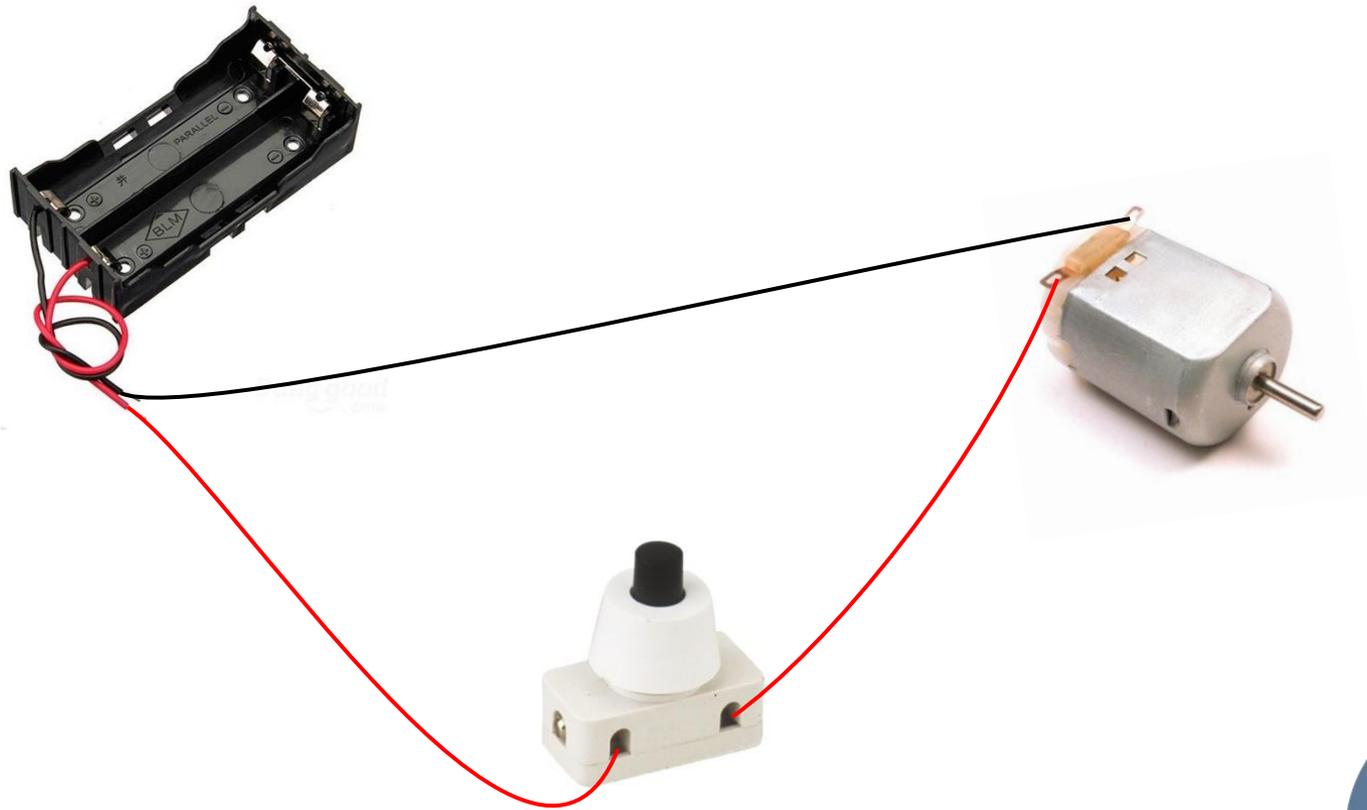


# Nuestro primer circuito

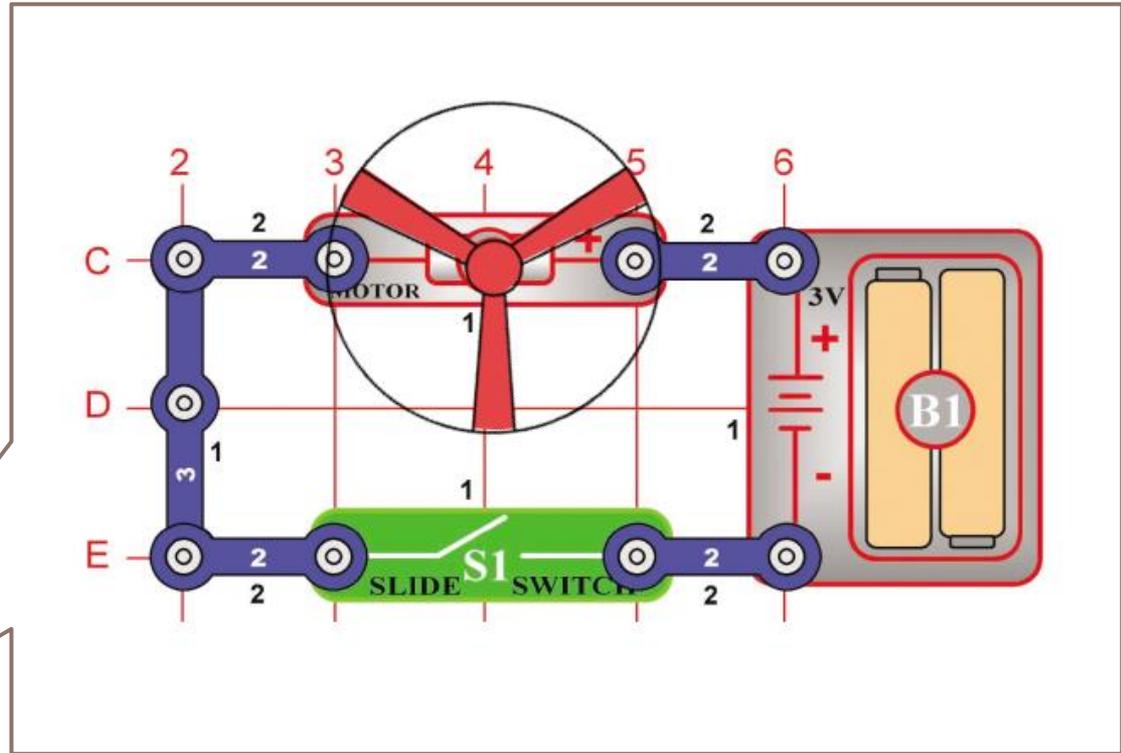
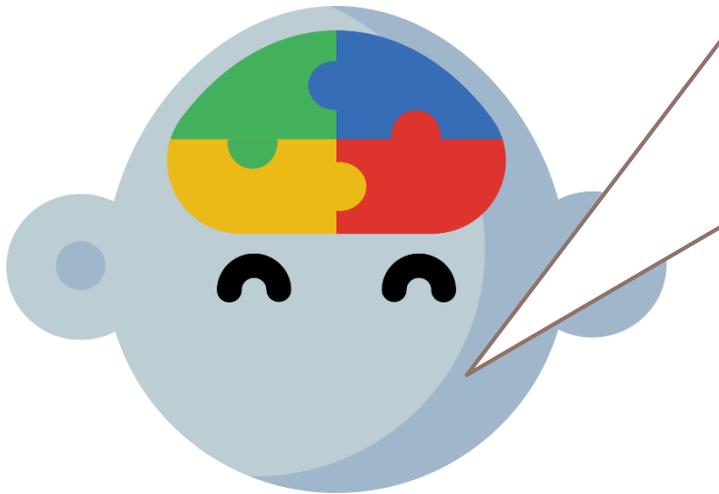


# CIRCUITO CON MOTOR E INTERRUPTOR

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# Ahora con un motor!

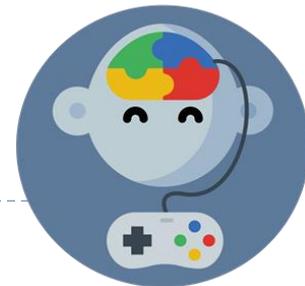
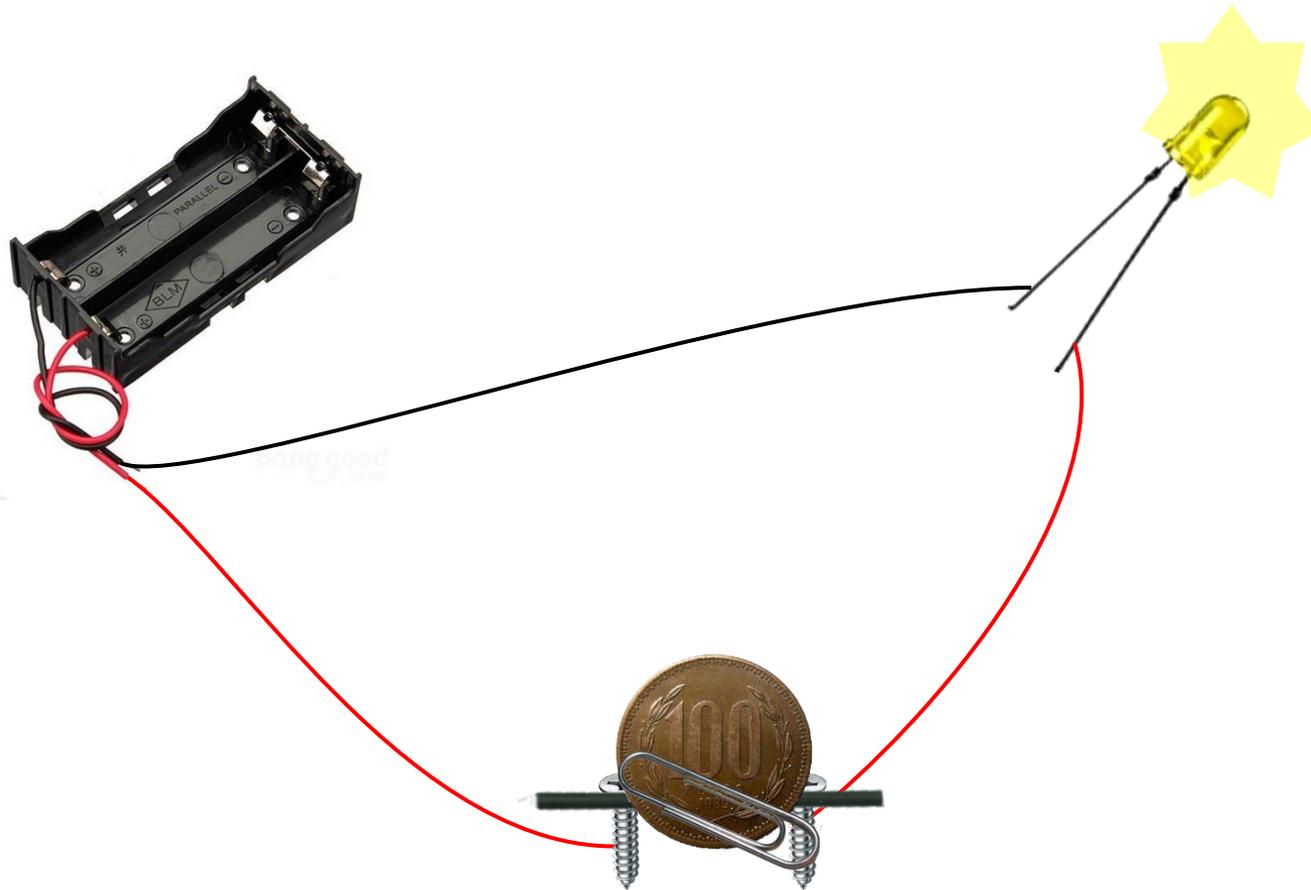


Conductores



# PROBADOR DE CONDUCTORES

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Fabriquemos nuestros componentes!





# Ejercicio 1:

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Usando los materiales entregados construiremos un circuito que incluya los siguientes elementos:

- ▶ Portapilas
- ▶ Interruptor
- ▶ Trozos de conductor rígido





## Ejercicio 2:

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Usando los materiales entregados construiremos un circuito que incluya los siguientes elementos:

- ▶ Portapilas plano
- ▶ Interruptor plano
- ▶ Conductor plano

