

Nombre del profesor: Carlos Ochoa

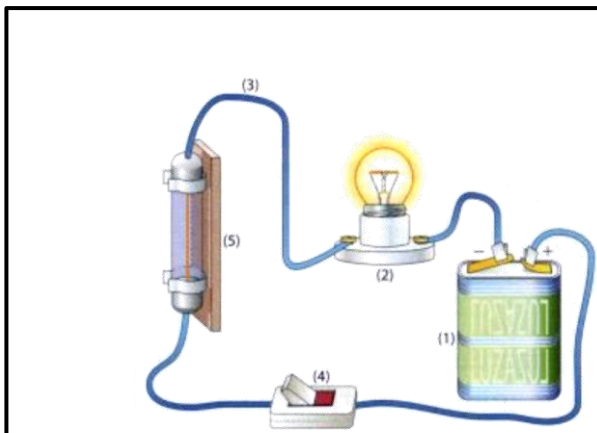


Nombre del alumno@: Alba Jazmín Cruz C.

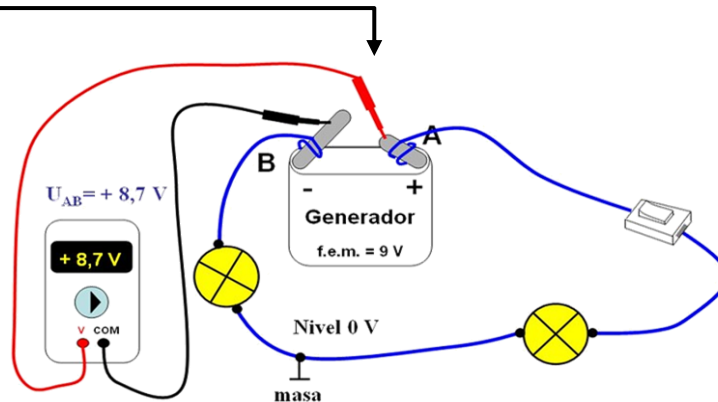
Licenciatura: Arquitectura.

Materia: Instalaciones hidrosanitarias y
eléctricas.

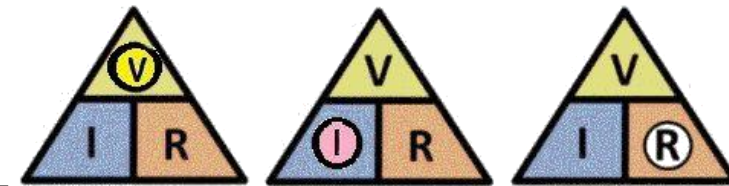
Nombre del trabajo: Mapa mental.



Partes de un circuito eléctrico

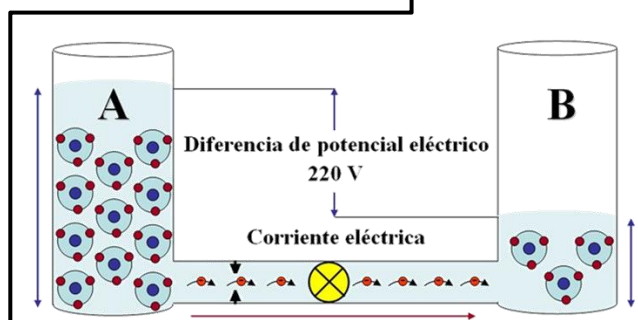


Voltaje



$V = I \times R$ $I = V \div R$ $R = V \div I$

I = Intensidad/Corriente en Amperios
 V = Voltaje/Tensión en voltios
 R = Resistencia en Ohms

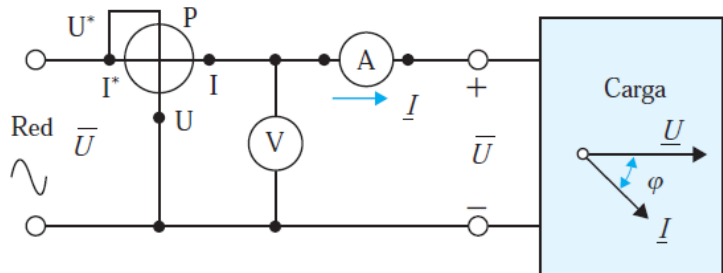


Corriente eléctrica

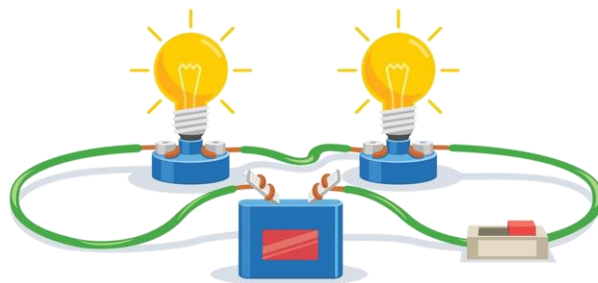


Ley de Ohm

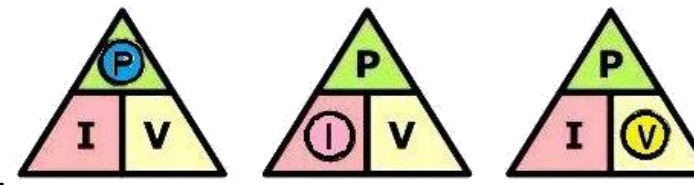
Potencia
 Y
 Energía eléctrica



Medición de la potencia


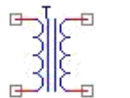

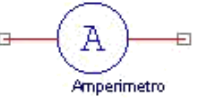

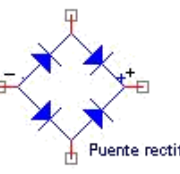





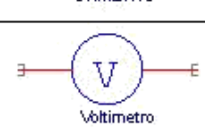
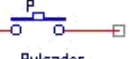

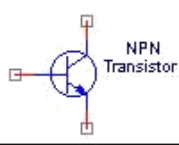



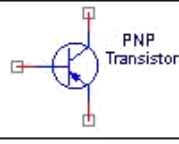

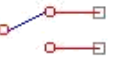

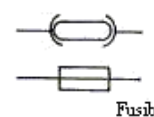


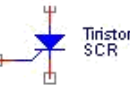
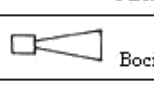



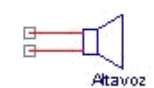


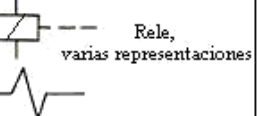

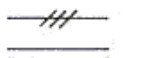

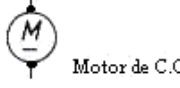
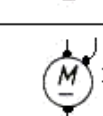
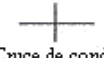
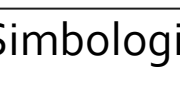



Energía eléctrica



$P = V \times I$ $I = P \div V$ $V = P \div I$

P = Potencia en Vatios
 I = Intensidad/Corriente en Amperios
 V = Voltaje/Tensión en voltios

 Corriente alterna C.A	 Transformador	 Condensador C	 Amperímetro
 Corriente continua C.C	 Puente rectificador	 Condensador polarizado	 OHM OHMETRO
 Batería	 Diodo	 Bobina Inductora L	 Voltímetro
 Pulsador	 Diodo Zener	 NPN Transistor	 Termómetro
 Interruptor	 Diodo Led	 PNP Transistor	 Toma de tierra
 Conmutador	 Opto Acoplador	 Fusible	 Toma de masa
 Conmutador	 Tiristor SCR	 Bocina	 Lámpara de incandescencia
 Resistencia R	 Triac	 Altavoz	 Lámpara piloto
 Potenciometro	 Rele, varias representaciones	 Antena	 Tres conductores
 Generador o Alternador	 Motor de C.C	 Antena	 Cruce de conductores sin conexión
	 Motor de C.C 2 velocidades		 Cruce de conductores con conexión

Simbología eléctrica

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