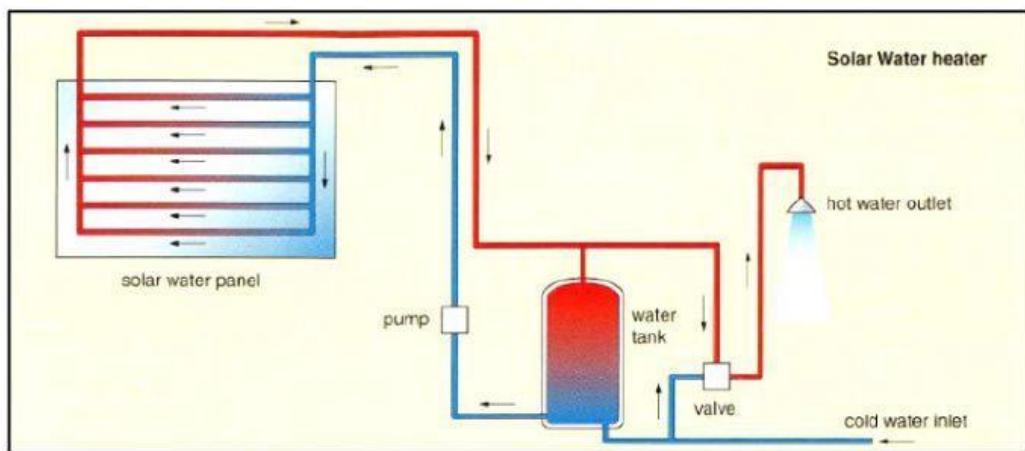


UNIT 5: FLOW

Lesson 3



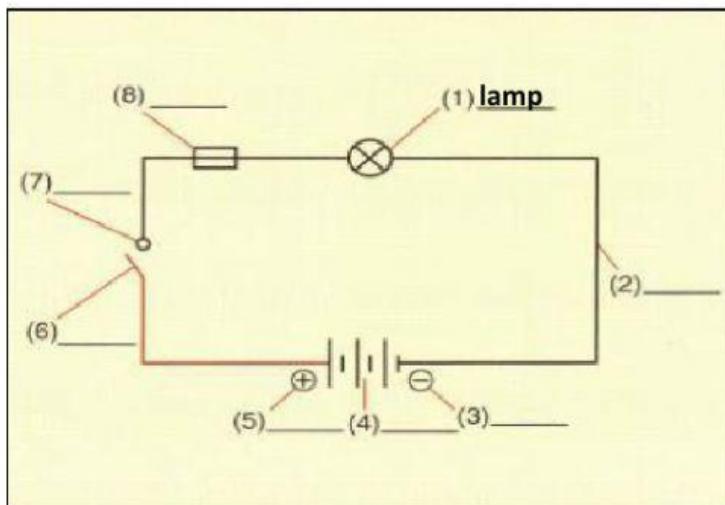
ACTIVITY 1: Look at this system and put the sentences in order to describe it.



- _____ The cold water enters the system through the inlet.
- _____ The pump pushes the water to the solar water panel.
- _____ When you open the valve, the hot water leaves the system through the hot water outlet.
- _____ Inside the water tank, the hot water rises to the top and the cold water sinks to the bottom.
- _____ The main parts of the system are the solar water panel, the pump, the water tank, the valve, the hot water outlet and the cold water inlet.
- _____ In the solar water panel, the water becomes warm.
- _____ Then it leaves the solar water panel and goes to the water tank.

ACTIVITY 3: Label the circuit diagram with the words in the box.

battery conductor fuse lamp
negative positive switch terminal



ACTIVITY 4: Match the words in the box to sentences 1-7. (Si necesitan diccionario recomiendo "Word Reference", se puede usar online o descargar en el celular.)

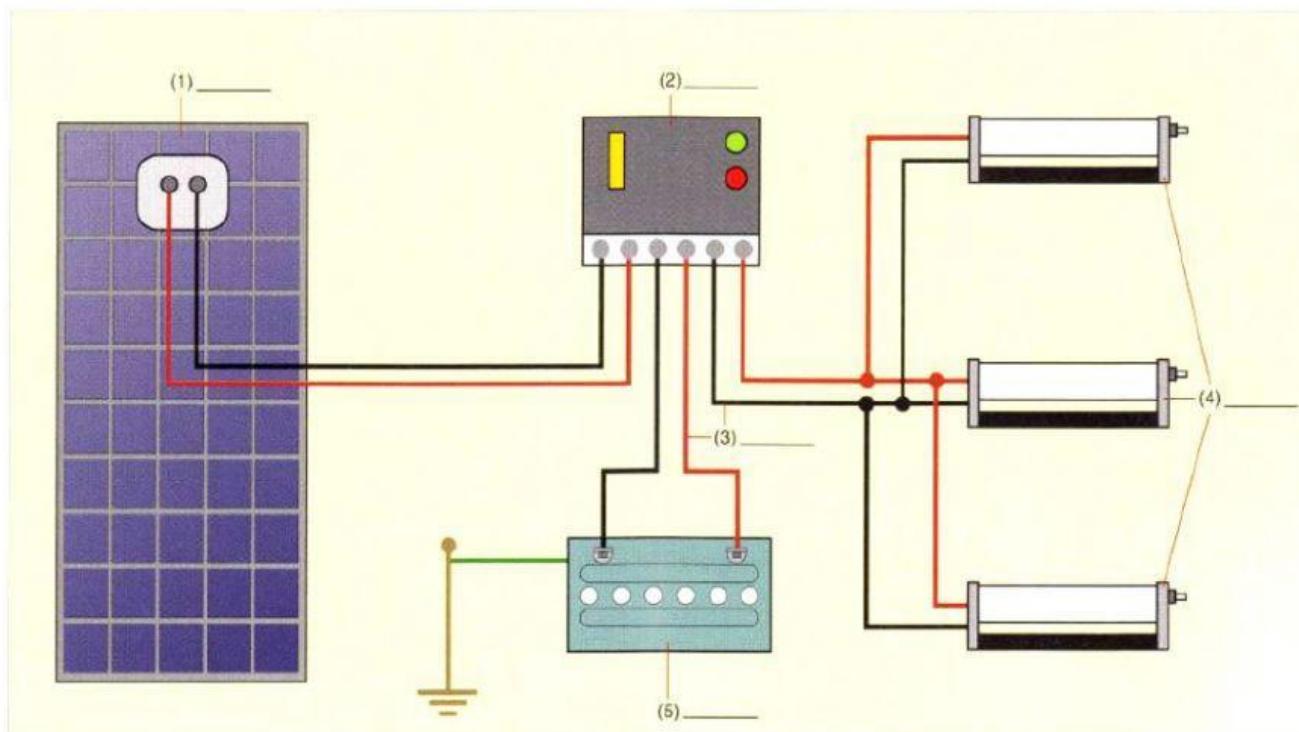
battery cable controller lamp solar panel electrical current switch

1. Shines a light when the switch is on: *lamp*
2. Converts the Sun's energy into an electrical current: _____
3. Stores electricity: _____
4. When a _____ is closed, electrical current can flow.
5. DC is a type of _____
6. Electricity passes through the _____ to the lamp or the battery.
7. Carries the electrical current: _____

ACTIVITY 5: Listen and label the diagram with the words in the box. Audio N° 28



battery cables controller lamps solar panel



ACTIVITY 6: Listen and match the items with their specifications. Audio N° 29.



1	solar panel	a)	12V 8W
2	controller	b)	DC
3	battery	c)	5A
4	lamps	d)	60W
5	electrical current	e)	12V 100Ah