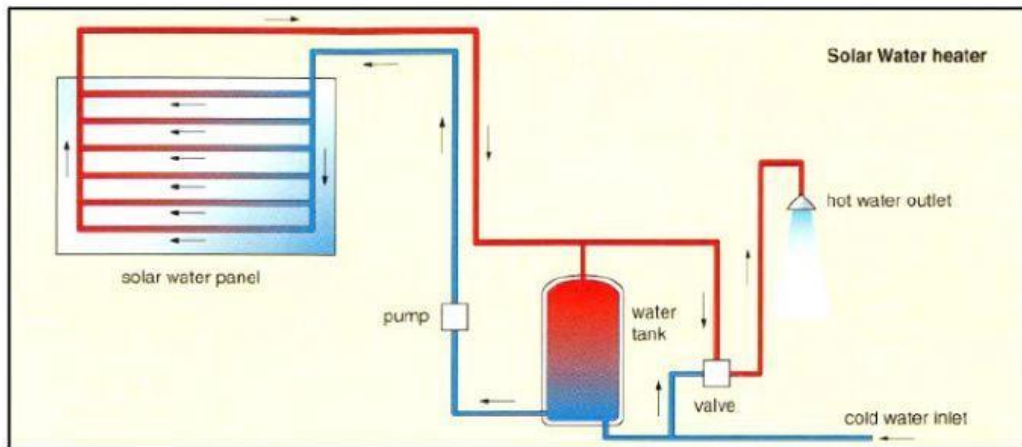


UNIT 5: FLOW

Lesson 3



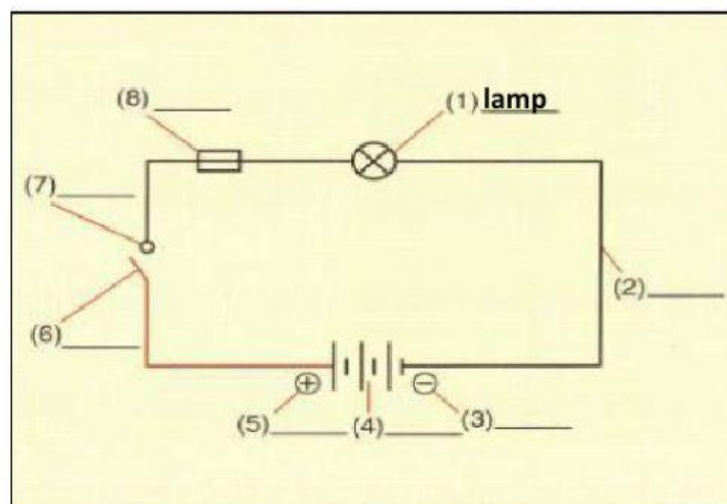
ACTIVITY 1: Look at this system and put the sentences in order to describe it.



- _____ 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 recomendando "Word Reference", se puede usar online o descargar en el celular.)

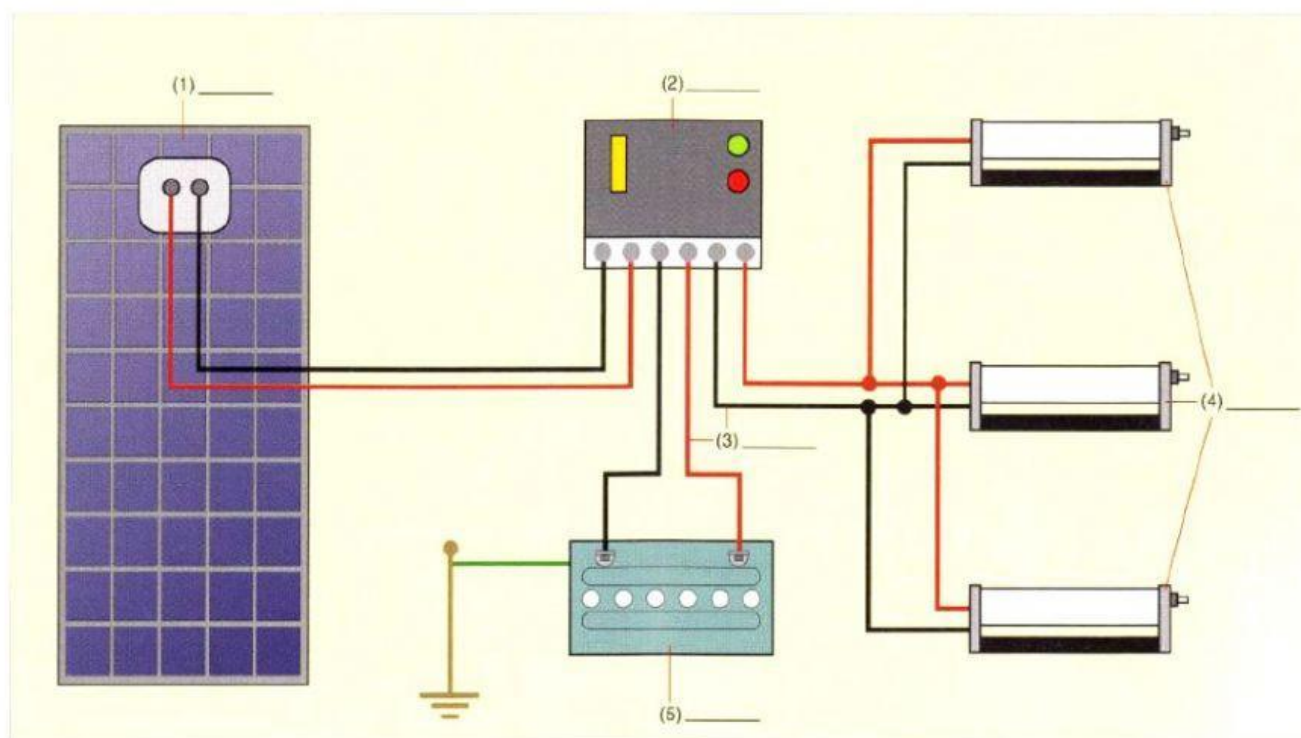
battery	cable	controller	lamp	solar panel	electrical current	switch
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1. Shines a light when the switch is on: *lamp*
2. Converts the Sun's energy into an electrical current: _____
3. Stores electricity: _____
4. When a _____ is closed, electrical current 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
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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 |