

# Section 3 Assessment



## Vocabulary

Choose the vocabulary word best described by each definition.  
Write the word in the space provided.

insulator

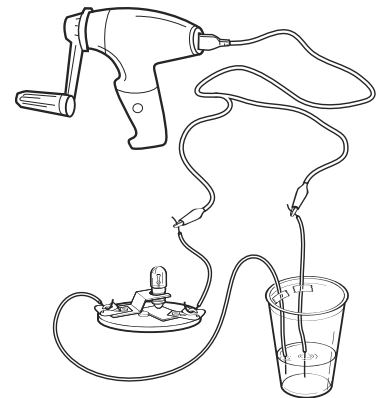
ion

conductor

- 1 atom with an electric charge due to a gain or loss of electrons \_\_\_\_\_
- 2 material that does not allow current to pass through it easily  
\_\_\_\_\_
- 3 material that allows current to pass through it easily  
\_\_\_\_\_

## Water as a Conductor

A student wants to know if a sample of water is pure water or salt water. The student uses the materials shown and turns the handle on the generator for 2 minutes. The bulb does not light.



- 4 What can the student conclude?  
\_\_\_\_\_  
\_\_\_\_\_

## Conductor or Insulator?

- 5 Use the circuit to test the material at your station. Write whether the material is a conductor or an insulator.

Material	Conductor or Insulator?