

Electrical Circuits
Performance Task

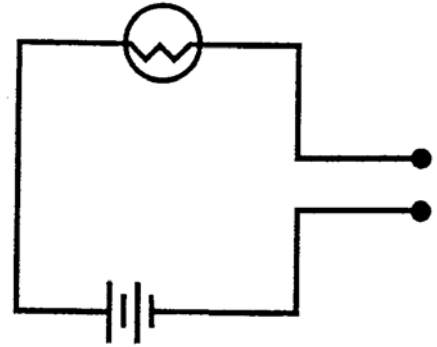
Name _____

Materials for Circuit:

- 3 copper wires
- 2 batteries
- 2 battery holders
- 1 bulb
- 1 bulb holder

Test Objects:

- aluminum foil
- paper clip
- paper fastener
- plastic cup
- piece of wood
- rubber band



1. Use the wiring diagram above to construct a circuit with the materials provided.
2. Touch the ends of the wires together. The bulb should light. Raise your hand. If it does not light, check your work. If the bulb still does not light, raise your hand.
3. After constructing the circuit, test the objects to see if they conduct electricity. Record your results in the data table below by placing an "X" in the correct column for each item tested.

Data Table

Object	Conductor	Insulator
aluminum foil		
plastic cup		
paper clip		
paper fastener		
rubber band		
piece of wood		

4. Using the information from the data table, conclude if your pen or pencil will conduct electricity. Write "Yes" or "No". _____ Explain your conclusion.
