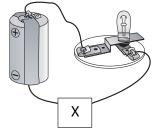
Name

Electrical Circuits Quiz #4

- 1. Circle the correct letter. Which will conduct electricity best?
 - A. a long thick wire
 - B. a short thin wire
 - C. a long thin wire
 - D. a short thick wire
- 2. What material is the best conductor of electricity?
 - A. plastic
 - B. wood
 - C. glass
 - D. metal
- 3. An electrical circuit is shown below.



Which object at X will complete the circuit?

- A. a metal paper clip
- B. a rubber band
- C. a glass marble
- D. a plastic spoon

4. Circle the correct letter. Which will provide the most resistance in a circuit?

- A. a long thick wire
- B. a short thin wire
- C. a long thin wire
- D. a short thick wire

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5. You are making gloves for an electrician to use on a job. He is going to be working with high voltage of electricity. What material would you use to make the gloves? Why?

6. Read the list of items in the chart below. Decide if each item is a conductor or an insulator. Write the correct word in the chart next to each item.

	Conductor or Insulator?
a plastic bottle	
copper wire	
an eraser	
a crayon	
steel nail	
aluminum foil	

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