

Quiz #4

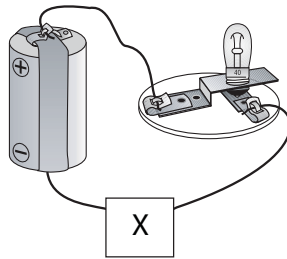
1. Circle the correct letter. Which will conduct electricity best?

- 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

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?

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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.

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