

## Current and Battery Quiz

T or F 1. Electricity can only flow through a circuit that is open.

2-3. What are two things that can be measured with a multimeter?

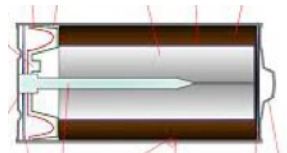
4-5. What units would they be measured in?

6. The electrical energy in a battery would be measured in what units?

7. Are metals better conductors or insulators?

8. Why?

9. Is the picture at right a battery or a cell? Explain.



10. Label the positive and negative ends of the picture.

11. Which will last the longest, a D-cell or a 9-volt battery?

12. What type of energy conversion occurs in the battery of your cell phone when you are using it?

13. When the electric current takes a quicker path that avoids resistors or devices, this is called a

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