

NAME: _____ DATE: _____

ELECTRICAL CONDUCTORS AND INSULATORS

A. Click on the correct response for the questions below.

1. Which of the sets below contains only conductors?

- a. Gold, silver, plastic
- b. Rubber, plastic, iron
- c. Iron, silver, carbon
- d. Carbon, iron, plastic

2. Electric plugs are made of plastic because_____.

- a. Plastic is stronger than many materials.
- b. Plastic is flexible
- c. Plastic can protect people from electric shock
- d. Plastic can be made into various shapes

3. Insulators do not allow electricity to pass through them. Why are they important in circuits?

- a. They make circuits safe to handle from electric shock.
- b. Electric current will flow only through those insulators.
- c. Appliances will not work if they are exposed to air.
- d. Circuits can get very hot.

4. Below each object type MAINS or CELL as a suitable power source.





5. Click on all the object below that are POOR conductors of electricity.

