

Name: Key

Notes - 18.2 Conductors and Insulators

1. Materials that allow electrons to easily move through them:

A. These materials are called conductors.

B. List some examples: metals salty water

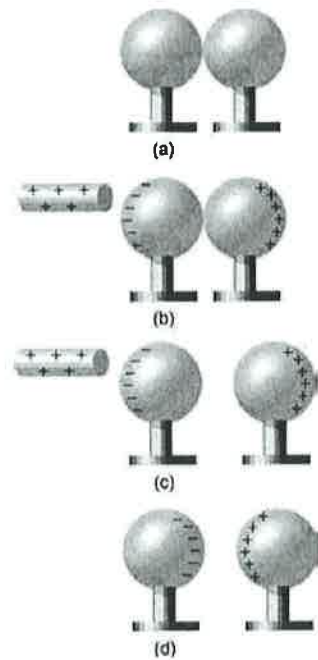
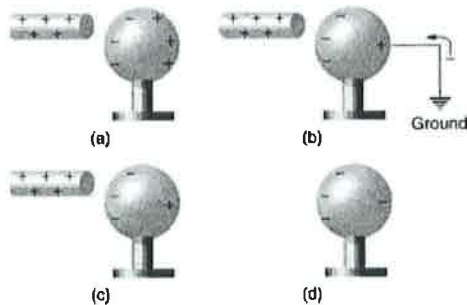
2. Materials that do not allow electrons to move through them:

A. These materials are called insulators.

B. List some examples: glass rubber plastic

3. Why do the gold foil leaves of an electroscope spread apart when the top of it is touched by a positively-charged rod?

4. The two figures to the right and below are examples of induction. Please make sure you understand what is happening here.



5. What is polarization? The separation of charge

6. Why is the water flowing out of the pipette bending toward the charged rod? Water is a polar molecule.

