Instructions: Label the materials as insulators or conductors.

_____

_____

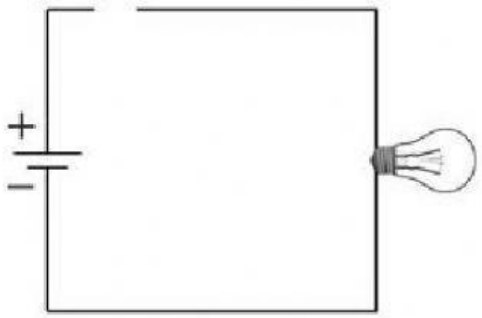
_____

_____

_____

_____

Instructions: Label each circuit as open or closed.



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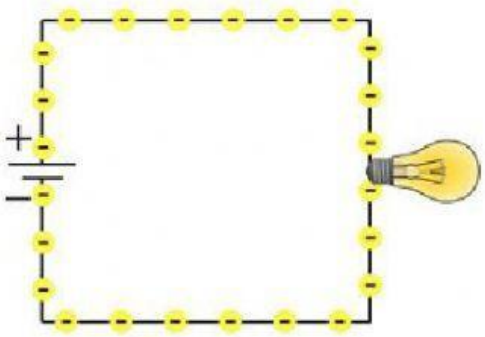

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Instructions. Answer the questions below. Write C next to the correct answer(s) and X next to the incorrect answer(s). More than one can be correct.

1. All matter has _____ charges.
   a. ____ Positive
   b. ____ Negative
   c. ____ Electrical
2. An object that loses negative charges becomes _____ charged.
   a. ____ Negatively
   b. ____ Neutrally
   c. ____ Positively
3. What allows electrical charges to move freely?
   a. ____ Conductors
   b. ____ Insulators
   c. ____ Open circuits
4. Which is an insulator?
   a. ____ Dry wood
   b. ____ Steel
   c. ____ Gold
5. What transports electricity from the generator to the other components of the circuit?
   a. ____ The switch
   b. ____ Cables
   c. ____ Devices

Instructions: Answer the questions below. All answers should be one word.

1. What are objects with the same number of positive and negatives charges called?
   _____
2. Which types of materials don't allow electrical charges to move?
   _____
3. What part of a circuit provides the electricity?
   _____
4. What part of a circuit controls the flow of electricity by opening or closing the circuit?
   _____
5. What part of a circuit transforms the electricity into another form of energy?
   _____
6. What do objects with the same charge do to each other?
   _____
7. What do objects with different charges do to each other?
   _____