

# Unit 7

# ELECTRICITY

1. Observe the electrical components below.



dry cell



bulb

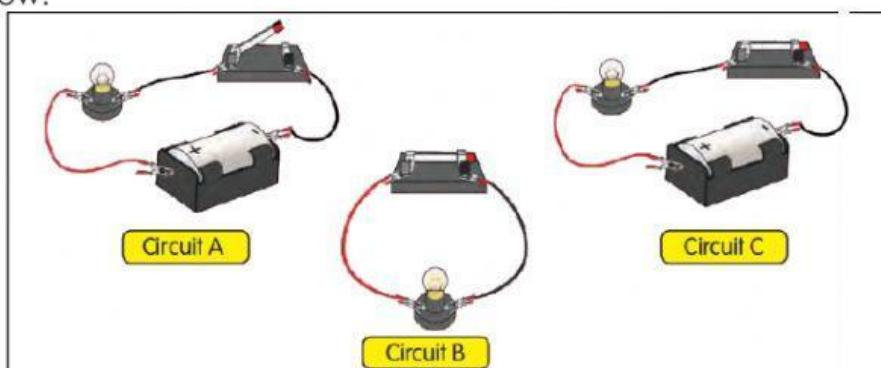


switch

Drag and match the component to its function correctly.

|                                |  |
|--------------------------------|--|
| Supply electrical energy       |  |
| Break and complete the circuit |  |
| Produce light                  |  |

2. Observe the circuits below. Question 2a to 2d is based on the diagram below.



- Which bulb will light up?

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- Why does the bulb in that circuit light up?  
The bulb light up because the circuit is \_\_\_\_\_ (complete/incomplete).

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c) Which bulb will not light up?

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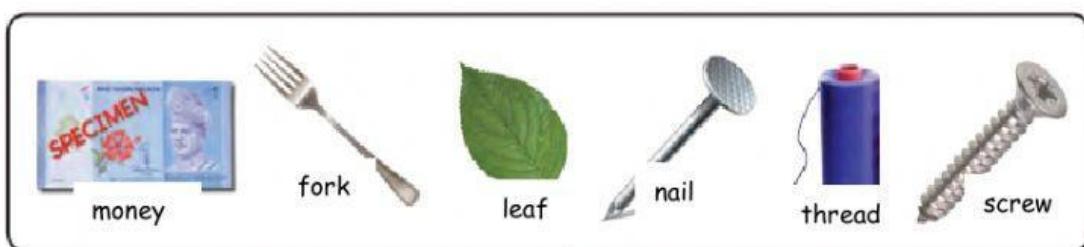
d) Why does the bulb in that circuit not light up?

The bulb does not light up because the circuit is

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(complete/incomplete)

3. Classify these objects and complete the table.



| Electrical conductors | Electrical insulators |
|-----------------------|-----------------------|
|                       |                       |
|                       |                       |
|                       |                       |

4. a) An electrical conductor is \_\_\_\_\_.

b) Examples of electrical conductors are \_\_\_\_\_, \_\_\_\_\_, and

\_\_\_\_\_.

5. a) An electrical insulator is \_\_\_\_\_.

b) Examples of electrical insulators are \_\_\_\_\_, \_\_\_\_\_, and

\_\_\_\_\_.