

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: \_\_\_\_\_



# Electricity

You should be able

: to identify things that used electricity.

: to state the energy change.

: to identify the sources of electricity for an object.

A. Choose the correct answer.

1) Which one of these electrical appliances needs more electricity than the others?

|                 |            |           |       |
|-----------------|------------|-----------|-------|
| Air-conditioner | Television | Hairdryer | Radio |
|-----------------|------------|-----------|-------|

2) Which of these items in the living room usually work on batteries?

|                   |      |       |       |
|-------------------|------|-------|-------|
| TV remote control | Lamp | Torch | Clock |
|-------------------|------|-------|-------|

3) All the appliances below have the same type of energy change except

-----

|              |      |                |         |
|--------------|------|----------------|---------|
| Mobile phone | Iron | Microwave oven | Toaster |
|--------------|------|----------------|---------|

4) Where does the electricity in your country comes from?

|             |          |               |      |
|-------------|----------|---------------|------|
| Hydro power | Dry cell | Power station | Wire |
|-------------|----------|---------------|------|

5) Which computer parts is NOT an electrical appliance?

|                |          |          |                  |
|----------------|----------|----------|------------------|
| Computer mouse | keyboard | Mousepad | Computer Monitor |
|----------------|----------|----------|------------------|

6) A Solar cell needs \_\_\_\_\_ to produce electricity?

|       |       |      |          |
|-------|-------|------|----------|
| sound | light | heat | movement |
|-------|-------|------|----------|

7) Which one of the following does not need electricity to make it work?

|            |     |     |            |
|------------|-----|-----|------------|
| Skateboard | Car | Bus | Motorcycle |
|------------|-----|-----|------------|

8) A/An \_\_\_\_\_ enables us to turn on or off a light.

|        |      |           |                |
|--------|------|-----------|----------------|
| switch | wire | insulator | circuit tester |
|--------|------|-----------|----------------|

9) Which material is a conductor of electricity?

|      |       |      |         |
|------|-------|------|---------|
| Clay | Metal | Wood | Plastic |
|------|-------|------|---------|

B. State the energy change that take place when the appliance is in use.

Radio



Treadmill



Electrical energy →

Electrical energy →

Lamp



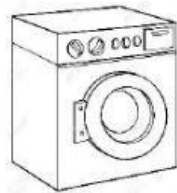
Iron



Electrical energy →

Electrical energy →

C. Drag and classify the following electrical appliances under the correct sources



| Mains |  | Electric Cells |  |
|-------|--|----------------|--|
|       |  |                |  |
|       |  |                |  |

Bonus Question 

Who invented the light bulb?

