

## UNIT 7 – ENERGY

### 1. Match the pictures with the form of energy



thermal    chemical    electrical    mechanical    light    nuclear



### Complete the sentences. Write the name of the type of energy.

- a) A skateboard transforms the \_\_\_\_\_ energy in our muscles into \_\_\_\_\_ energy.
- b) A torch transforms the \_\_\_\_\_ energy in the batteries into \_\_\_\_\_ energy.
- c) When we lift up an object, we are giving it \_\_\_\_\_ energy.
- d) A sandwich toaster transforms \_\_\_\_\_ energy into \_\_\_\_\_ energy.
- e) Our bodies transform the \_\_\_\_\_ energy in food into \_\_\_\_\_ energy in our muscles so we can move.
- f) A nuclear power station transforms \_\_\_\_\_ energy into \_\_\_\_\_ energy that we use in our homes.
- g) A car transforms the \_\_\_\_\_ energy in petrol into \_\_\_\_\_ energy.

**Write the missing words**

**environment      electricity      electrical      down**

- a) Scientists release nuclear energy by breaking \_\_\_\_\_ materials.
- b) If we use fewer resources we can help to protect our \_\_\_\_\_.
- c) We connect electrical machines to the \_\_\_\_\_ supply.
- d) Nuclear energy is transformed into the \_\_\_\_\_ energy that we use at home.

**Complete the table.**

| _____ energy sources  | _____ energy sources   |
|---|--|
| <ul style="list-style-type: none"><li>• <i>Solar energy</i></li><li>•</li><li>•</li><li>•</li></ul> | <ul style="list-style-type: none"><li>• <i>Petroleum</i></li><li>•</li><li>•</li><li>•</li></ul> |

**Write True or False**

a) Global warming is caused by extra oxygen in the atmosphere.

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b) Acid rain is caused by nitrogen oxide in the air.

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c) Most of the energy we use comes from renewable sources.

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d) Global warming causes flooding and extreme weather conditions.

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