

Name \_\_\_\_\_ No. \_\_\_\_\_ Class \_\_\_\_\_

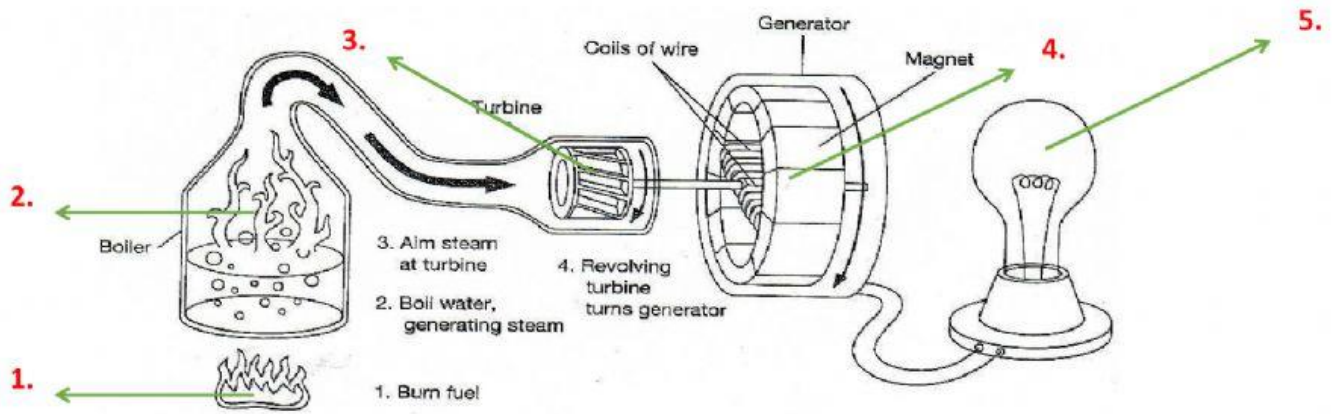
### Energy Transformations

A. Choose the sequence of energy forms that best fits each item.

- |                           |                                                            |
|---------------------------|------------------------------------------------------------|
| _____ 1. Hairdryer        | a. chemical energy - electrical energy - mechanical energy |
| _____ 2. Electric saw     | b. electrical energy - thermal energy                      |
| _____ 3. Toaster          | c. electrical energy - mechanical energy                   |
| _____ 4. Blender          | d. mechanical energy - electrical energy                   |
| _____ 5. Coffee Pot       | e. electrical energy - sound energy                        |
| _____ 6. Windmill         |                                                            |
| _____ 7. iPod             |                                                            |
| _____ 8. Speaker Vibrates |                                                            |

B. Fill in the blanks. Use the vocabularies in the box

heat	chemical	electrical	light	mechanical
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- (1) \_\_\_\_\_ energy from gas, oil, or coal provides  
(2) \_\_\_\_\_ energy to water to produce steam. A turbine changes the energy of the steam into the (3) \_\_\_\_\_ energy of the rotating turbine and generator. The generator converts this energy into  
(4) \_\_\_\_\_ energy. The energy from the lamp will be converted to (5) \_\_\_\_\_ energy.