

Name _____ No. _____ Class _____

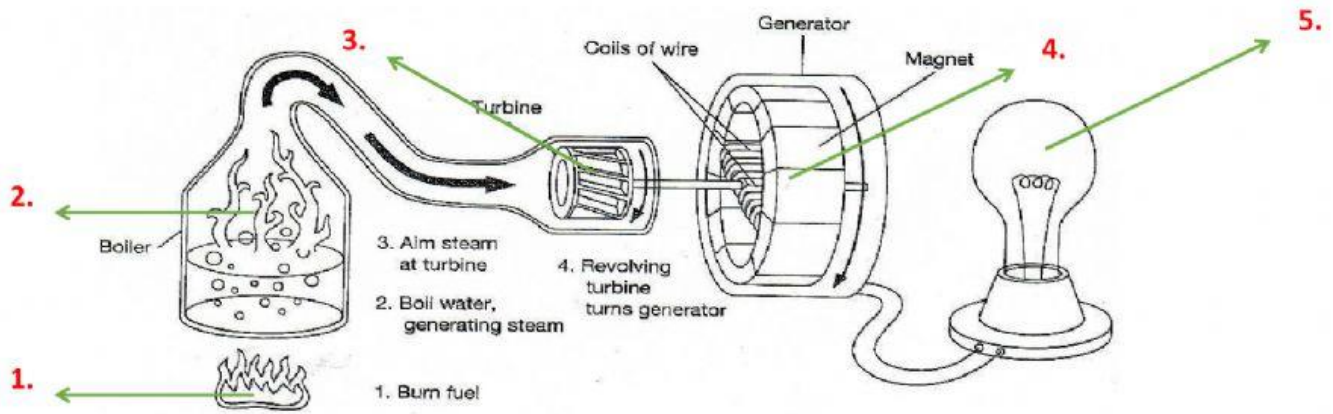
Energy Transformations

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

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|---------------------------|--|
| _____ 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.