

Name _____

No. _____

Class _____

Energy Transformations

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

<input type="checkbox"/> 1. Hairdryer	a. chemical energy - electrical energy - mechanical energy
<input type="checkbox"/> 2. Electric saw	b. electrical energy - thermal energy
<input type="checkbox"/> 3. Toaster	c. electrical energy - mechanical energy
<input type="checkbox"/> 4. Blender	d. mechanical energy - electrical energy
<input type="checkbox"/> 5. Coffee Pot	e. electrical energy - sound energy
<input type="checkbox"/> 6. Windmill	
<input type="checkbox"/> 7. IPod	
<input type="checkbox"/> 8. Speaker Vibrates	

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

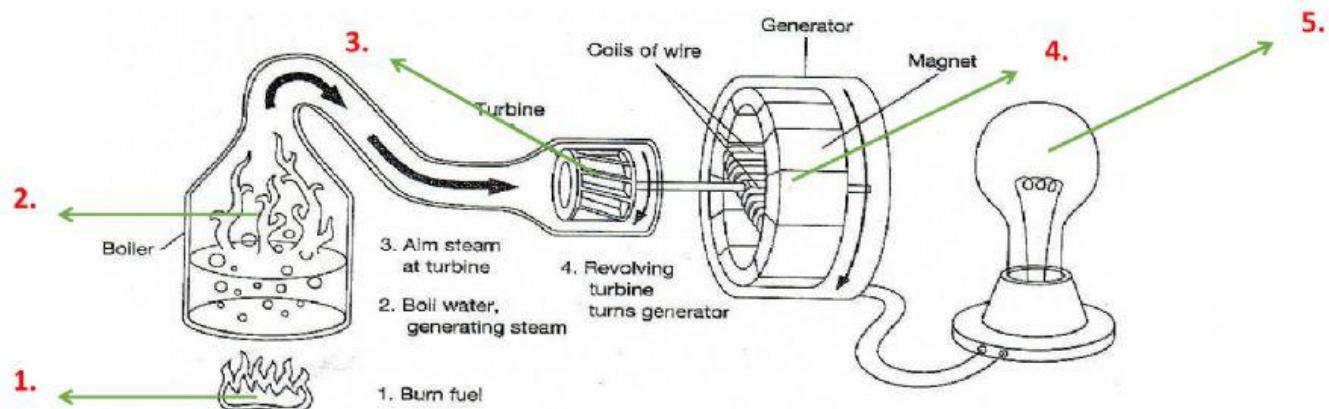
heat

chemical

electrical

light

mechanical



(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.