

Read and label each energy type. Then number the pictures.

## Solar – Wind – Geothermal - Biomass

1. \_\_\_\_\_

Trees provide wood. Wood is probably the first fuel that people ever used for both heat and light. Although wood is a renewable fuel, it takes time for new trees to grow. Also, burning wood increases the amount of carbon dioxide in the air, which contributes to global warming.

2. \_\_\_\_\_

This is the motion of air. People have used this for energy for thousands of years. Windmill blades were connected to machines to grind grain and pump water. Today, turbines use this energy to spin generators that make electricity. This is an inexhaustible resource.

3. \_\_\_\_\_

This energy comes from sunlight. A device called a solar cell changes this energy into electrical energy. When light hits the cell, an electric current is produced. Groups of solar cells form solar panels. Some homes, buildings, and cars have solar panels to provide energy.

4. \_\_\_\_\_

This energy comes from the high temperature inside Earth. One way to get this energy is to pump water down deep holes into hot rock inside Earth. The hot rock heats the water or turns the water into steam, which rushes back to Earth's surface and can be used to make electricity.

