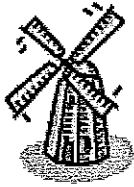


Energy Transformation Worksheet

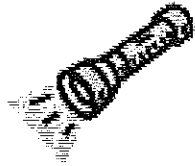
Identify the different types of energy transformation in each of the pictures

Windmill



Energy Transformation:

Flashlight



Energy Transformation:

Microwave



Energy Transformation:

Firecracker



Energy Transformation:

Nuclear Power Plant



Give an example where the following energy changes would take place:

Electrical to Thermal

Chemical to Thermal

Electrical to Mechanical

Name the missing energy form to complete each transformation flow chart.

1. Chemical → Electrical → _____ Portable radio (battery)
2. Thermal → Chemical → _____ Firecracker
3. _____ → Electrical → Mechanical Battery operated Remote controlled car

List the energy transformation associated with the following: Choose chemical, thermal, mechanical, electromagnetic, or nuclear.

4. A chemical hot pack warming up. _____ to _____
5. A glow stick giving off light. _____ to _____
6. An electric radio playing music _____ to _____