

Energy: \_\_\_\_\_

1. Kinetic Energy: \_\_\_\_\_

4 types

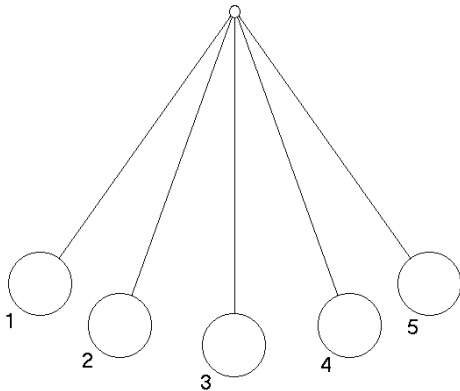
2. Potential Energy: \_\_\_\_\_

2 types

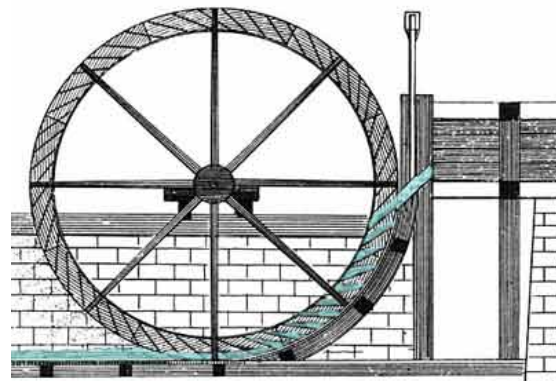
Energy Transformations: \_\_\_\_\_

\_\_\_\_\_

Ex. Pendulum



Ex. Water behind a dam



Candle Demo: make observations and list many energy transformations as you can.

as



LAWS OF THERMODYNAMICS:

1. FIRST LAW OF THERMODYNAMICS: \_\_\_\_\_

\_\_\_\_\_



2. SECOND LAW OF THERMODYNAMICS: \_\_\_\_\_