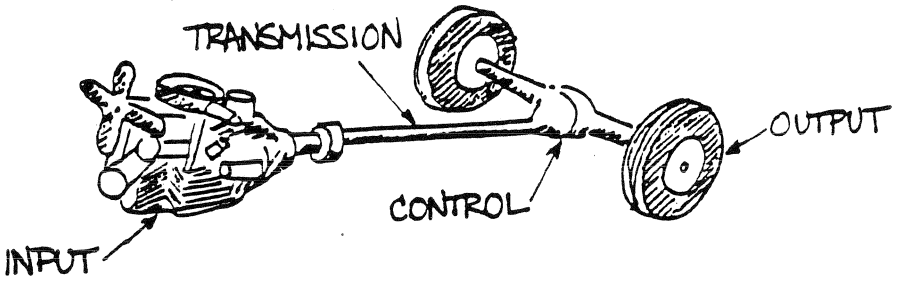
NAME_____ PERIOD____ STUDENT DISCUSSION GUIDE

POWER AND ENERGY TRANSMISSION

LESSON III

A generator creates electricity while a _____ increases or decreases electrical _____. Power plants use _____ transformers to transmit electricity.

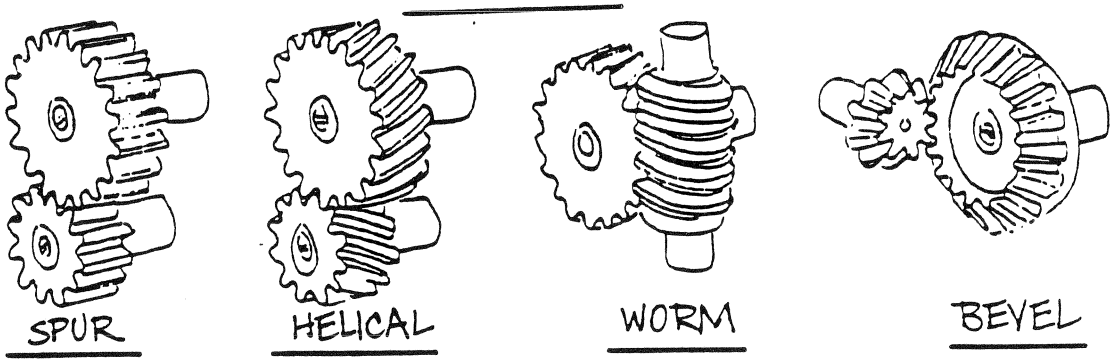
The four parts to any mechanical power system are _____, _____, _____, and transmission.



Power transmission can be made by using _____, _____, or _____ power.

Belts and gears are used to _____ _____, _____ _____ _____ _____, and allow on and off switching. Belt and pulley systems require ____ or more pulleys.

GEARS



Fluid power can be created by using oil, water, or _____. Fluid oil systems are also called _____ systems while those systems that use _____ are called pneumatic systems.