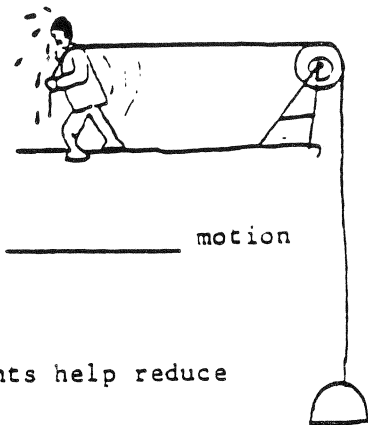


NAME \_\_\_\_\_ PERIOD \_\_\_\_\_

STUDENT DISCUSSION GUIDE

ENERGY, POWER, AND SIMPLE MACHINES

LESSON IV



The two kinds of energy are \_\_\_\_\_ stored energy and \_\_\_\_\_ motion energy.

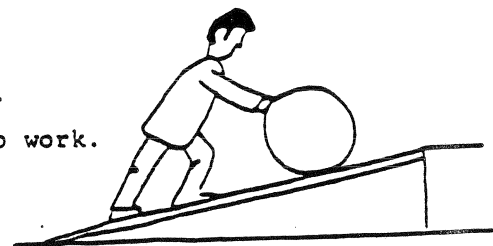
Friction can \_\_\_\_\_ motion or \_\_\_\_\_ motion. Lubricants help reduce \_\_\_\_\_.

The six kinds of energy are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

\_\_\_\_\_ is defined as the ability to do work.

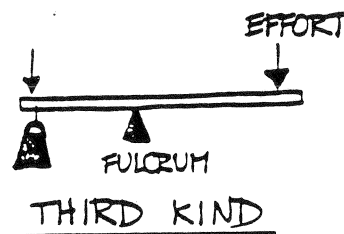
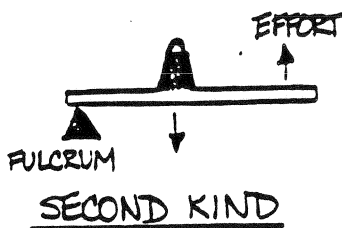
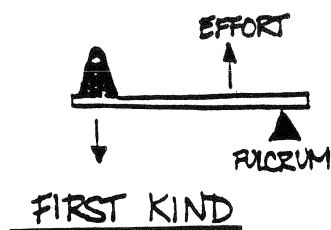
\_\_\_\_\_ is defined as the time it takes to do work.

\_\_\_\_\_ is defined as a push or pull.



The six simple machines are the \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

LEVERS



Machines \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_ motion.

\_\_\_\_\_ effort is changed when the location of the \_\_\_\_\_ is changed.

The wheel and axle and pulley use the principle of the \_\_\_\_\_. A screw is a type of \_\_\_\_\_.

Machines give workers a \_\_\_\_\_ to make their work easier.

