Study Guide for Work and Machines

Know the following terms:

Compound machine

Efficiency

Effort force

Inclined plane

Lever

Machine

Mechanical advantage

Power

Pulley

Resistance force

Screw

Simple machine

Wedge

Wheel and axle

Work

How many types of simple machines are there?

Recognize examples

How many classes of levers are there?

Recognize examples

Know the IMA of fixed and movable pulleys

If given the equation, know how to figure IMA and efficiency for simple machines

Know the equation for work and power. Be able to use them and label correct units.