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.