

Name _____

- 1) What is it that gives you the ability to do work?

- 2) What is the energy called that is stored in chemical bonds that holds chemicals together?

- 3) What form of energy travels in waves?

- 4) What form of energy is stored in the nucleus of an atom and is released during a nuclear reaction?

- 5) Which Law states that Energy can not be created or destroyed?

- 6) What is any substance which has mass and occupies space?

- 7) What simple machine is an inclined plane wrapped around a center pole?

- 8) What simple machine is a pair of inclined planes set back-to-back.?

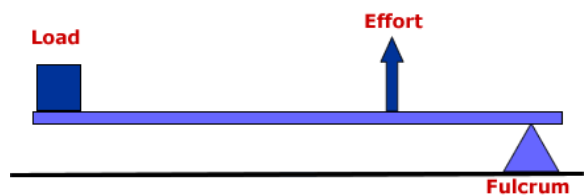
- 9) What form of Energy is stored in the nucleus of an atom and is released during a nuclear reaction?

- 10) What simple rule does every simple machine have in common?

What simple machine is this?



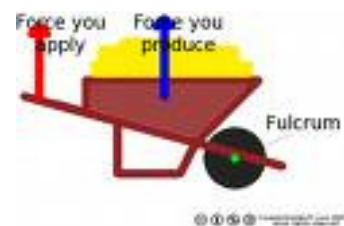
What class of lever is this?



What simple machine is this?



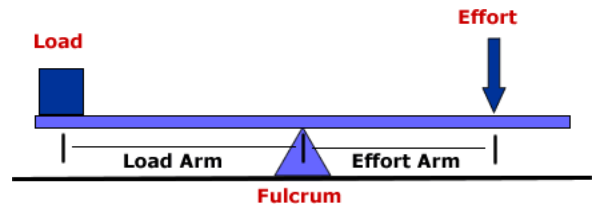
What class of lever is this?



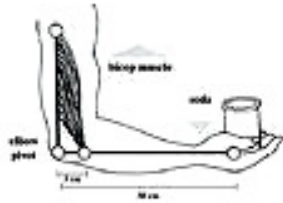
What simple machine is this?



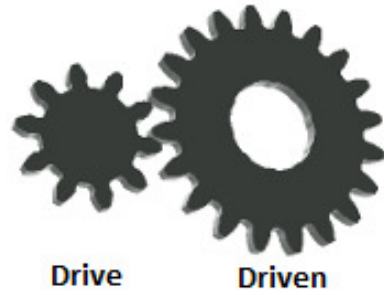
What class of lever is this?



What class of lever is this?



What is the Ratio?



_____ : _____

**Energy Potential energy Kinetic energy Gravitational Energy Neutrons
Mechanical Energy Thermal Energy Chemical Energy Electrical Energy
Electromagnetic Energy Nuclear Energy Energy Conversion Energy Transfer
Protons The Kinetic Theory Matter Solid Liquid Gas Atoms Diffusion
Sublimation Inclined plane Screw Pulley Lever Wedge Wheel and Axle
Class one Class Two Class Three**