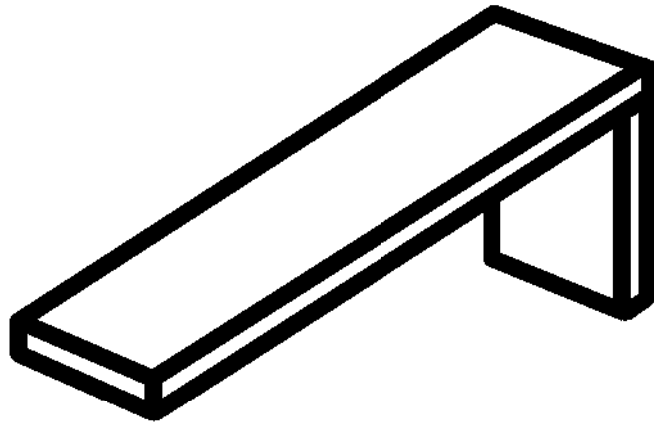


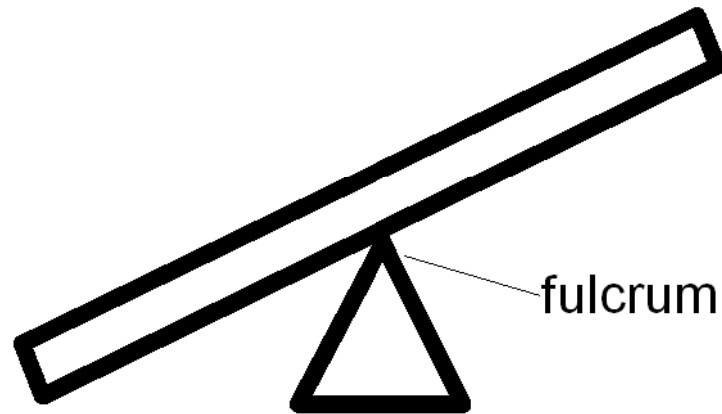
Simple Machines

inclined plane



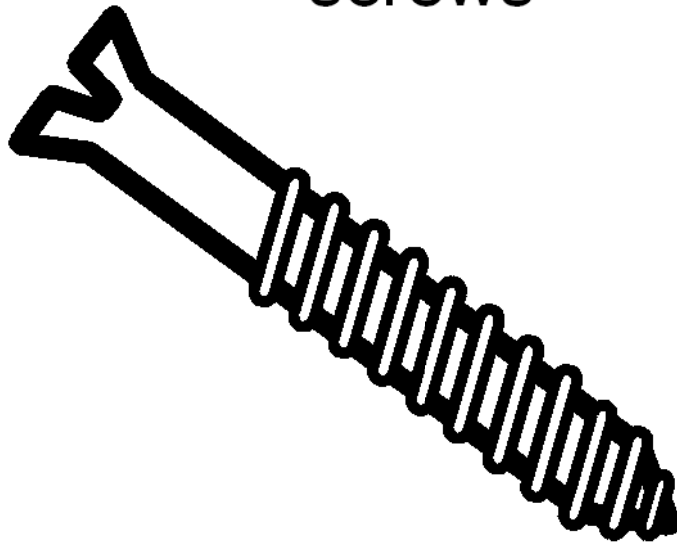
An inclined plane is a straight slanted surface.
It has no movable parts.

lever



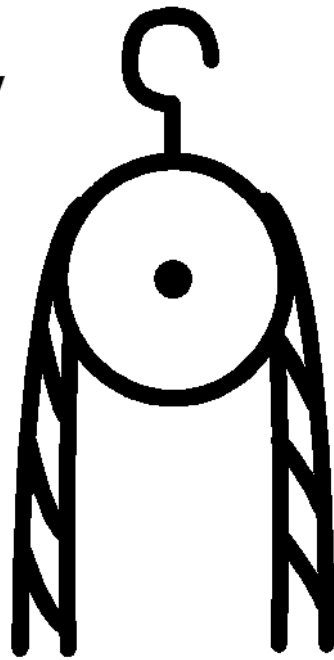
The lever is a simple machine made with a bar that is free to move about a fixed point, which is called a fulcrum.

screws



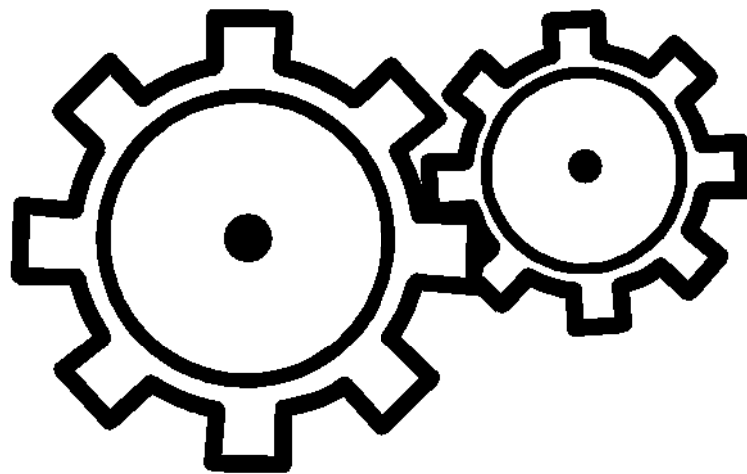
A screw is a simple machine that is like an inclined plane. It is an inclined plane that wraps around a shaft.

pulley



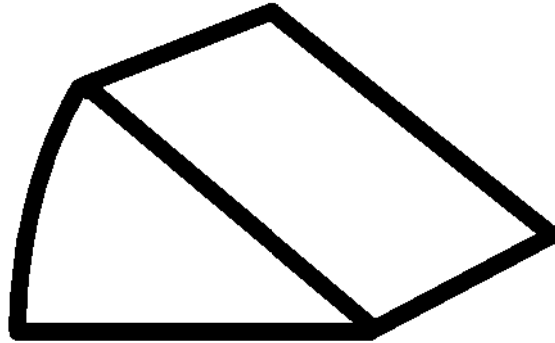
A pulley is a simple machine made with a rope, belt, or chain wrapped around a grooved wheel.

gears



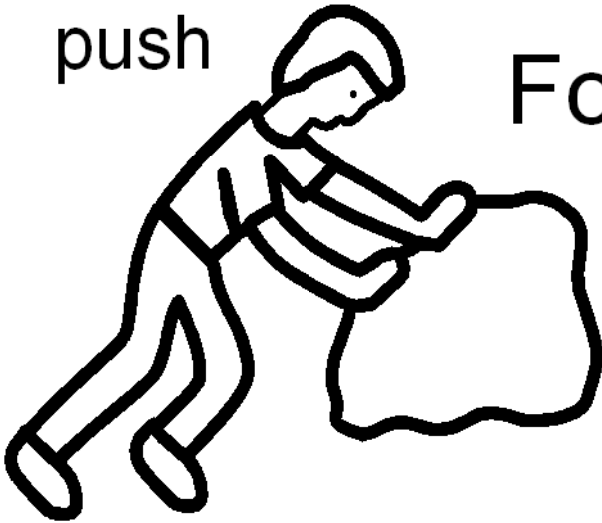
A gear is a toothed wheel. Two gears can create motion.

wedge



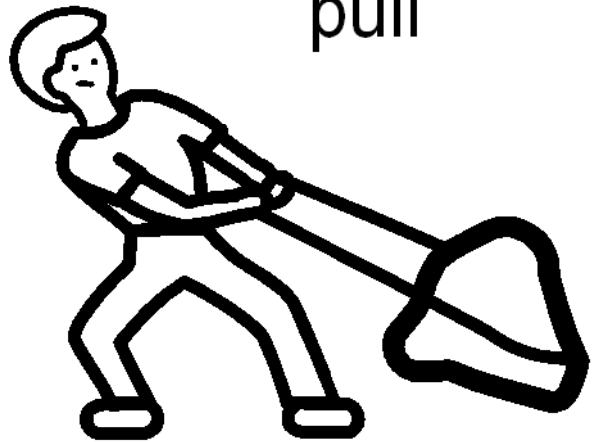
A wedge is a type of inclined plane. It can move.

push



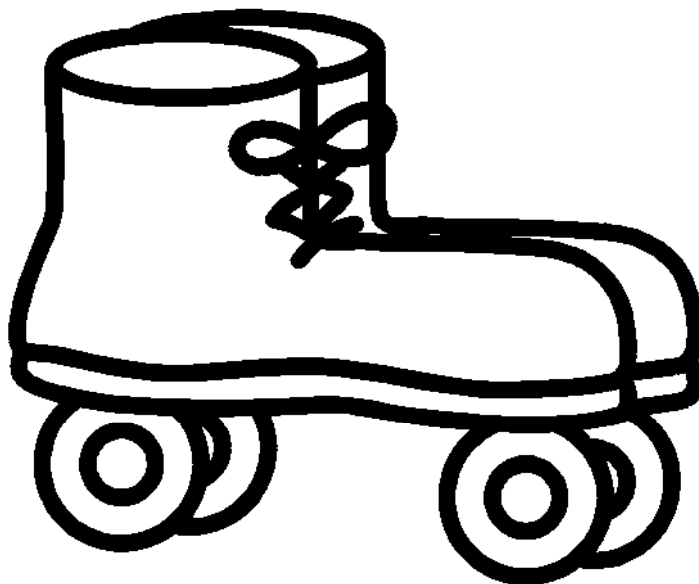
Force

pull



People use force to operate a simple machine. A simple machine needs energy to do work. By pushing or pulling, a person provides the energy for the machine to work.

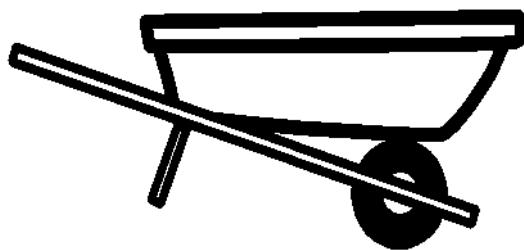
Roller skates are an example of a wheel and axle.



doorknob



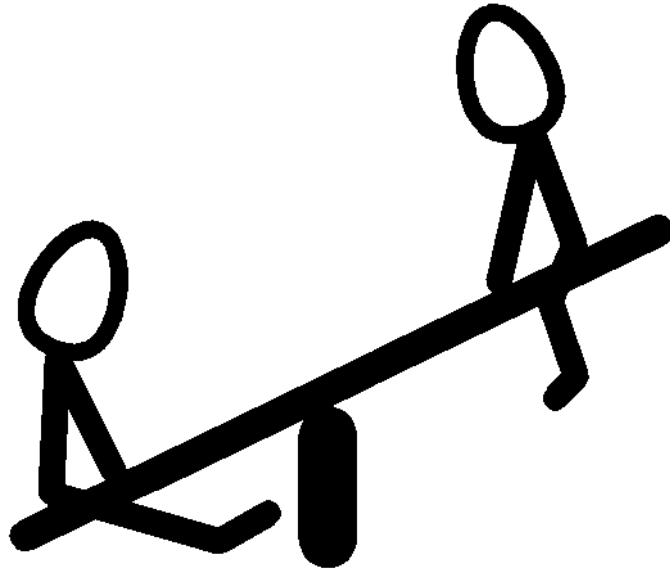
wheelbarrow



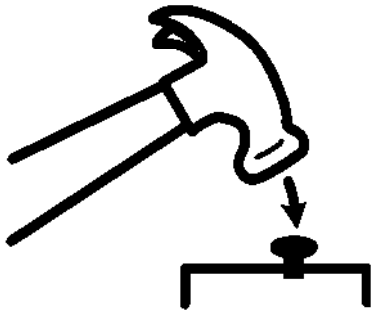
ramp



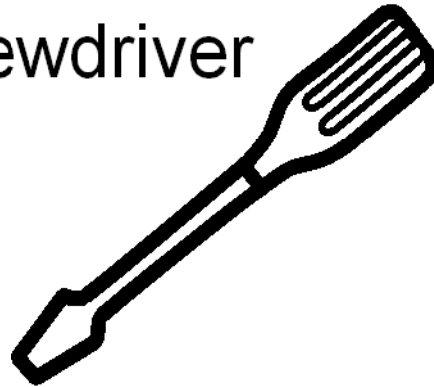
A teeter-totter is an example of a lever.



hammer



screwdriver



can opener

