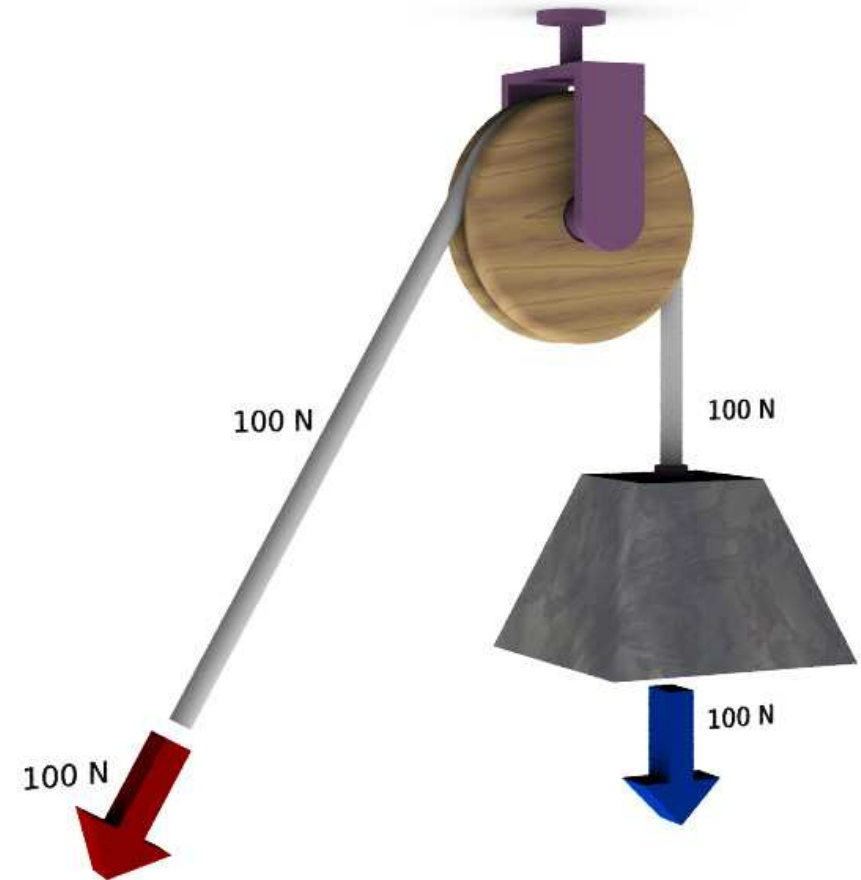


Pulleys



Pulleys (blocks) on a ship

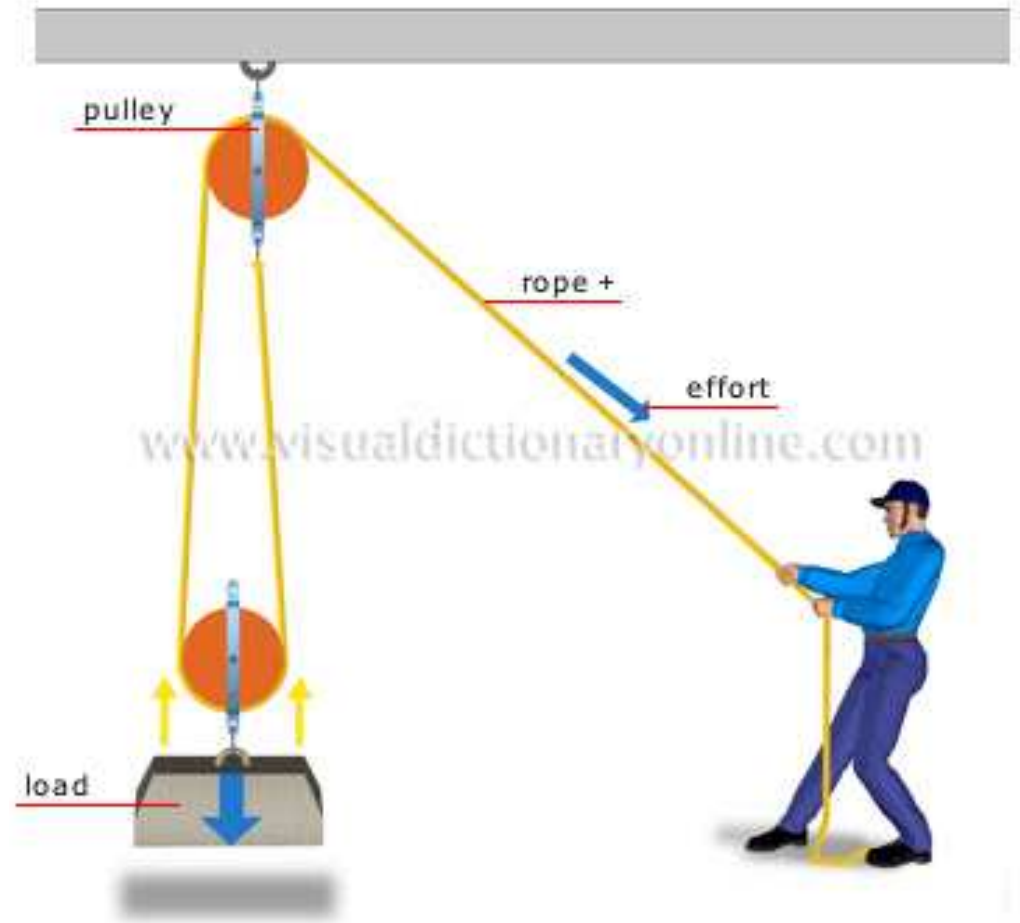
A pulley is made from a wheel and a rope. It is used to make lifting easier. A single pulley changes the direction of the lifting force. For example, if you are lifting a heavy object with a single pulley anchored to the ceiling, you can pull down on the rope to lift the object instead of pushing up.



How a pulley works

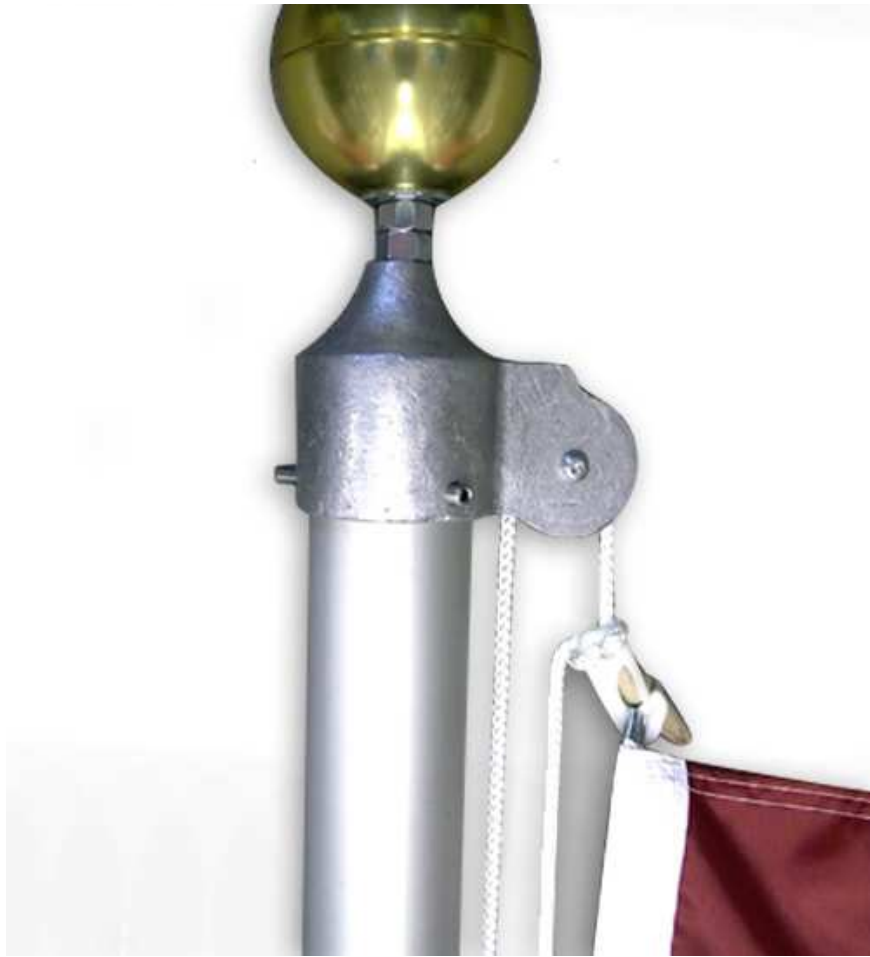


Pulleys



How a pulley works

Examples of pulleys in action



Flagpole



Crane



Elevator (lift)