

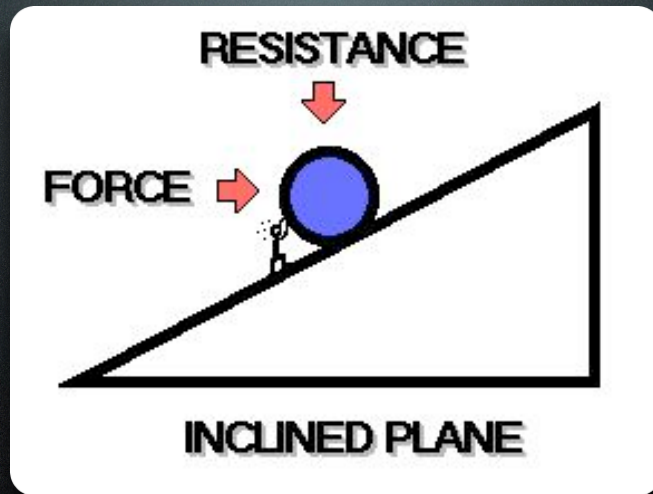
# Simple Machines

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# Intro

- There are multiple types of simple machines. Each has its own unique quality that helps it to work on each task that it is given. Also they are used to reduce the amount of force.

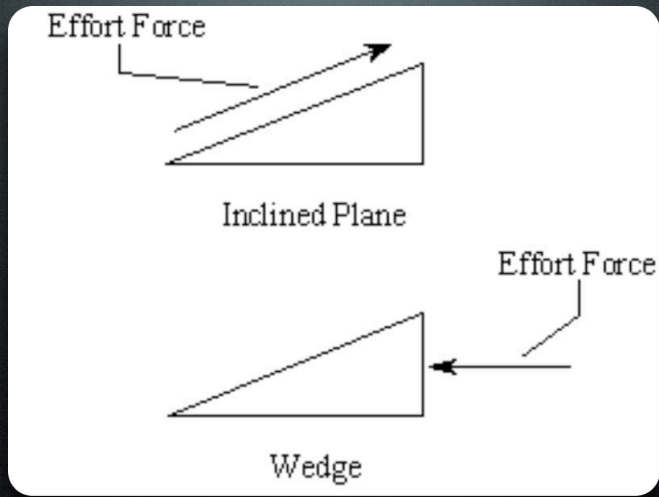
# Types of Simple Machines



Inclined Plane

# Explanation

- An Inclined plane is used to decrease the input force and makes it easier to move objects of slants. An inclined plane is usual a vertical or horizontal slant.



Wedge

# Explanation

- A wedge is a portable incline plane. It is used to lift objects on a frictionless surface. In which it decrease the amount of force used and the time that is consumed

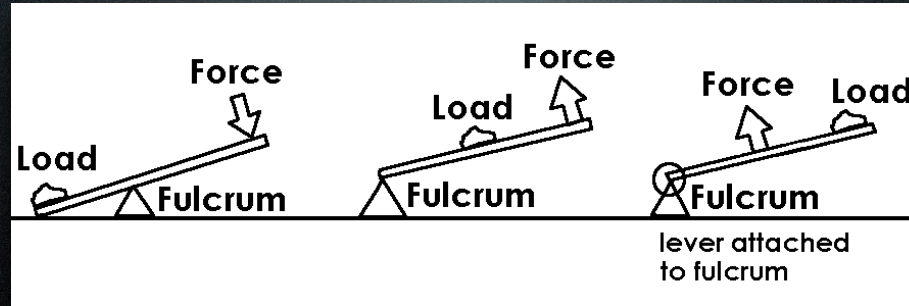


Screw



# Explanation

- A crew is a cylinder with an inclined plane shaped around it. They are used when trying to dig into wood.



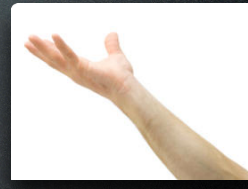
# Lever

# Explanation

- A lever is used to a magnify force used on an object. Also used to move an object from once side of lever. It usually consists of a plank with a fulcrum in the middle or another side.

# Examples of Lever

- Seesaw
- Crowbar
- Wheelbarrow
- Human Arm



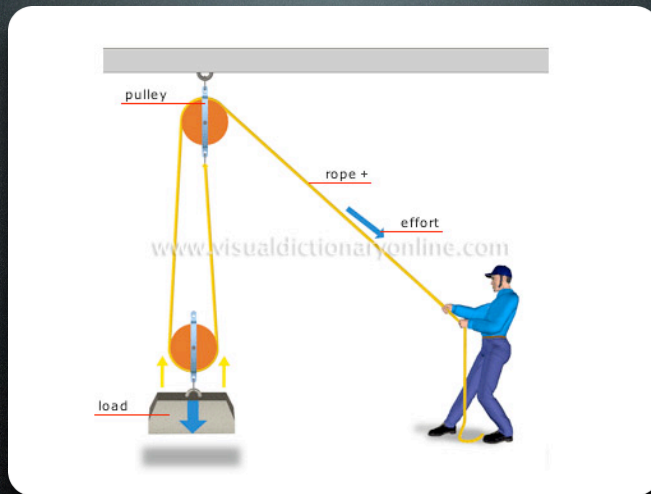
## Examples of Lever



Wheel and Axel

# Explanation

- A wheel & axle machine helps to raise things and also used in inventions like a pirate ship. To steer a ship, since the wheel & axle is attached different parts of the ship.



Pulley



# Explanation

- A Pulley is a machine that assists in lifting objects up. Usually by pulling a rope on the other end.

# Overall

- Each simple machine has a unique use that makes doing things a lot easier. In other words decreasing input and output force. There are many examples of simple machines and their uses. I only posted a couple. Also some machines used are also made of multiple simple machines. A can opener consists of a wedge, wheel & axle and lever.

# Questions

What type of simple machine is this.



# Answers

- 1. Wheel and Axle