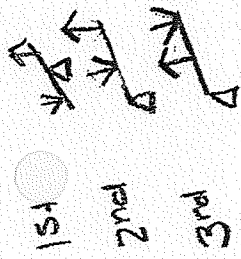


# Lever

A rigid bar that is free to turn about a fixed point called the fulcrum.

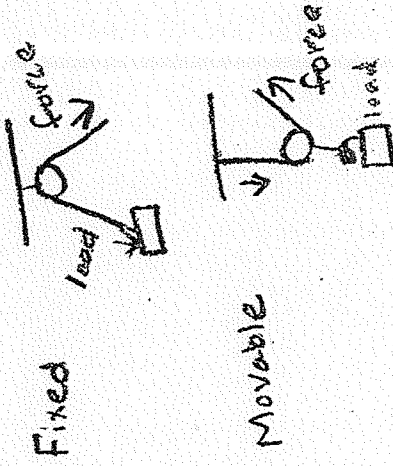


↑ = applied force  
↓ = load

- 1st - seesaw, crowbar
- 2nd - wheelbarrow, nutcracker
- 3rd - arm, rake

# Pulley

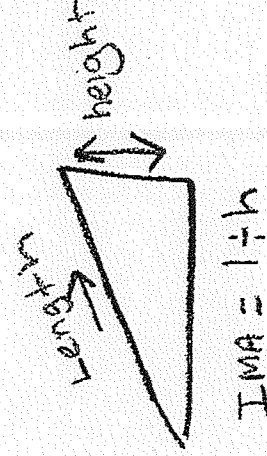
A rope, belt or chain wrapped around a grooved wheel



- Rigging on a sailboat
- Window blinds
- flag pole

# Inclined Plane

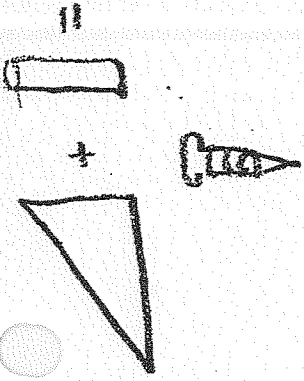
Straight  
Slanted  
Surface



- Ramp
- stairs

Screw

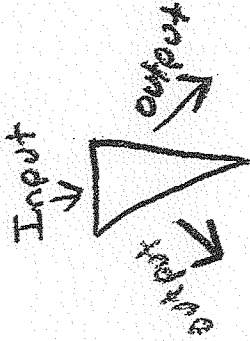
Inclined plane  
wrapped  
around  
a post



Circular staircase  
Screw

Wedge

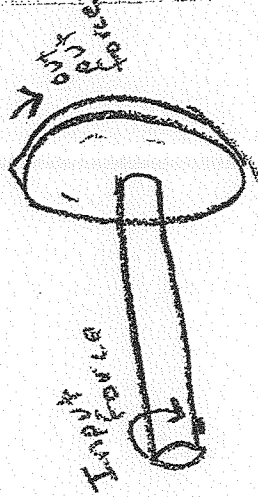
inclined plane  
that tapers to  
a sharp edge



Ax  
Zipper  
Knife

Wheel  
&  
axle

wheel  
connected to  
a rigid pole



door knob  
faucet knob