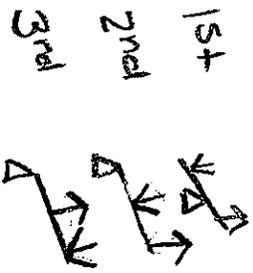


Lever

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

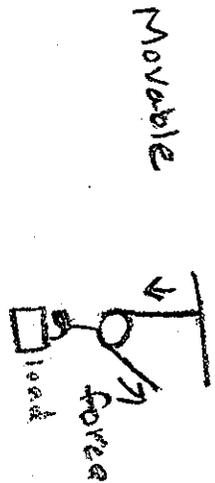


↑ = applied force
↓ = load

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

Pulley

A rope, belt, chain wrapped around a grooved wheel



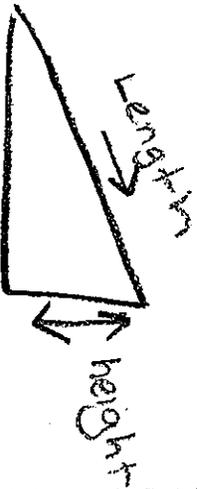
Rigging on a sailboat

Window blinds

flag pole

Inclined Plane

Straight
Slanted
Surface



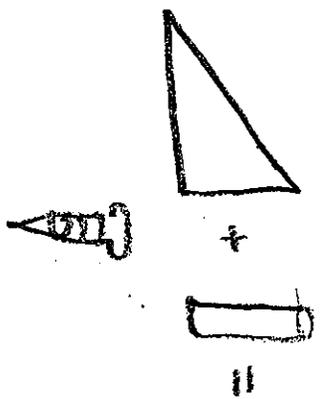
$IMA = l \div h$

Ramp

Stairs

Screw

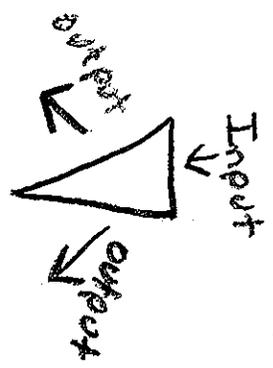
Inclined plane
wrapped
around
a post



Circular staircase
Screw

Wedge

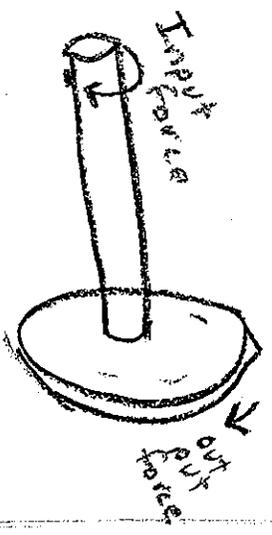
Inclined plane
that tapers to
a sharp edge



Ax
Zipper
Knife

Wheel
&
axle

Wheel
connected to
a rigid pole



door knobs
faucet knobs