

Notes- Machines

Machines	<ul style="list-style-type: none">✘ Machines are devices that make _____ easier.✘ Machines make work easier by decreasing or redirecting the _____ applied.✘ Machines do not reduce the amount of work; they decrease the amount of _____ needed.
Simple Machines	
Lever---	
3 types of levers.	
*First class	* _____ is between load & effort. EX: _____
*Second class	* _____ is between fulcrum & effort. EX: _____
*Third class	* _____ is between fulcrum & load. EX: _____
Pulley---	<ul style="list-style-type: none">✘ A grooved wheel with a rope, chain or cable that changes the _____ of the force.✘ A shaft attached to a large wheel that _____ together.
Wheel and Axle---	
Inclined Plane---	<ul style="list-style-type: none">✘ A _____ surface that reduces the amount of force required to raise an object.✘ A _____ inclined plane that changes the direction of the force.
Wedge---	
Screw---	<ul style="list-style-type: none">✘ An _____ plane wrapped around a cylindrical post.
Complex Machine	<ul style="list-style-type: none">✘ A machine made of _____ than _____ simple machine.
Mechanical Advantage (MA)	<ul style="list-style-type: none">✘ The amount of times a machine multiplies _____ or _____.