

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---	✗ A _____ surface that reduces the amount of force required to raise an object.
Inclined Plane---	✗ A _____ inclined plane that changes the direction of the force.
Wedge---	✗ An _____ plane wrapped around a cylindrical post.
Screw---	
Complex Machine	✗ A machine made of _____ than _____ simple machine.
Mechanical Advantage (MA)	✗ The amount of times a machine multiplies _____ or _____.