








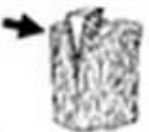









SIMPLE MACHINES SORT

A simple machine is a non-motorized device that changes the direction of a force.

MACHINE	DEFINITION	EXAMPLES	
LEVER 	a rod balanced on a fixed point that can help lift a heavy weight with less effort		
WHEEL and AXLE 	used to carry loads around easily, for long distances with less effort.		
INCLINED PLANE 	any slope or ramp that makes it easier to lift something		
WEDGE 	made of 2 inclined planes and used to push objects apart		
SCREW 	an inclined plane wrapped into a spiral		
PULLEY 	uses wheels and a rope to raise, lower or move a load		


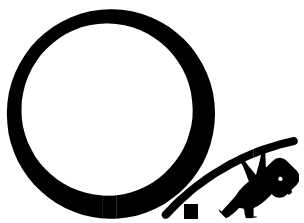


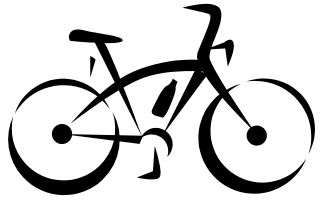


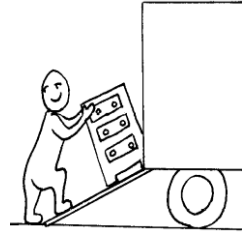


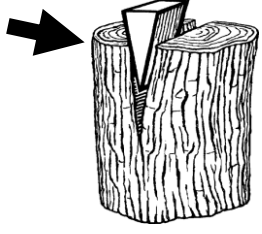


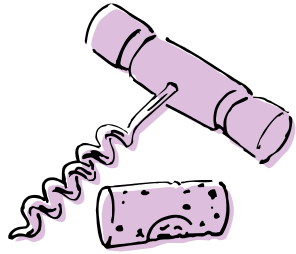

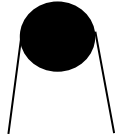

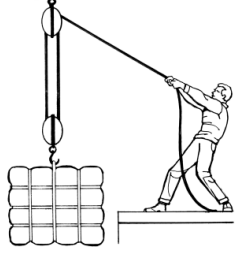
Simple Machines

Examples & Definitions Sort

Name _____

SIMPLE MACHINES SORT






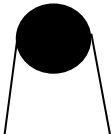
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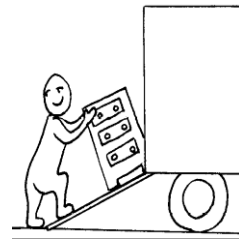
Name_____

SIMPLE MACHINES SORT

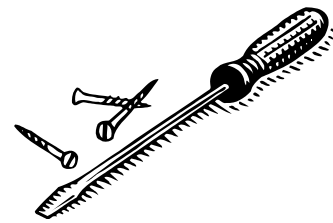
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used to carry loads around easily, for long distances with less effort



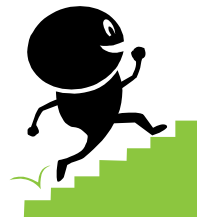
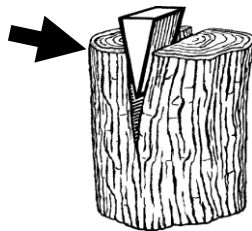
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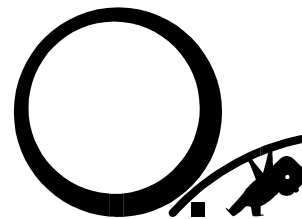
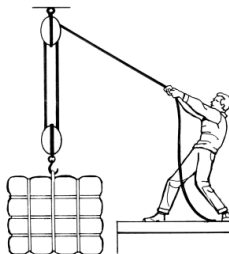
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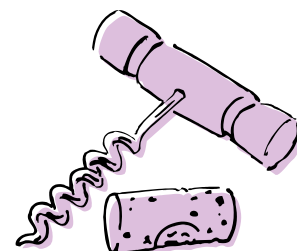
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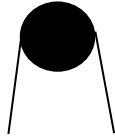
a rod balanced on a fixed point that can help lift a heavy weight with less effort

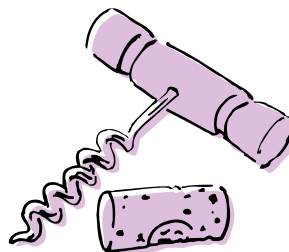
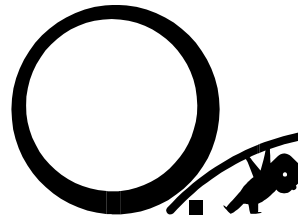
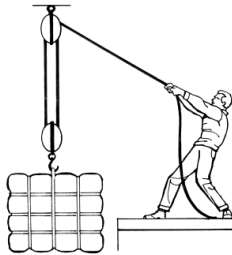
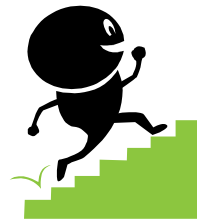
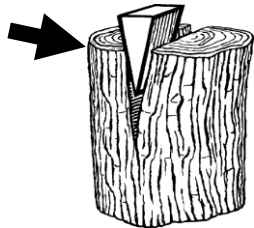
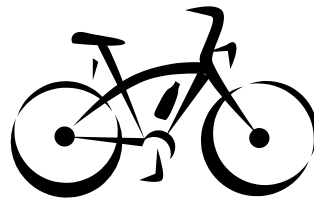
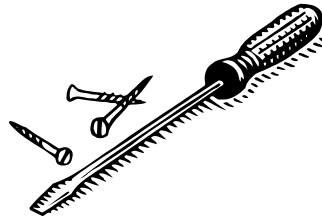
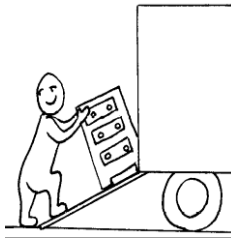
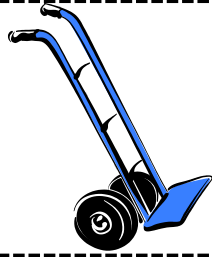


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Simple Machines Scavenger Hunt!



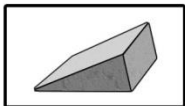
Wedge



Wheel and Axel



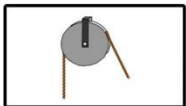
Lever



Inclined Plane



Screw



Pulley

Look around and find some real world examples of simple machines! Try to find at least one of each type.

Example:	Type of Simple Machine

Now find some examples of things that are made up of 2 or more simple machines.

Example	Types of Simple Machines

Name _____

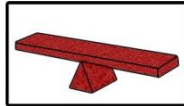
Simple Machine Invention!



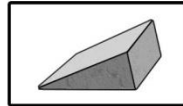
Wedge



Wheel and Axel



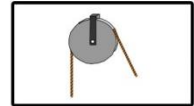
Lever



Inclined Plane

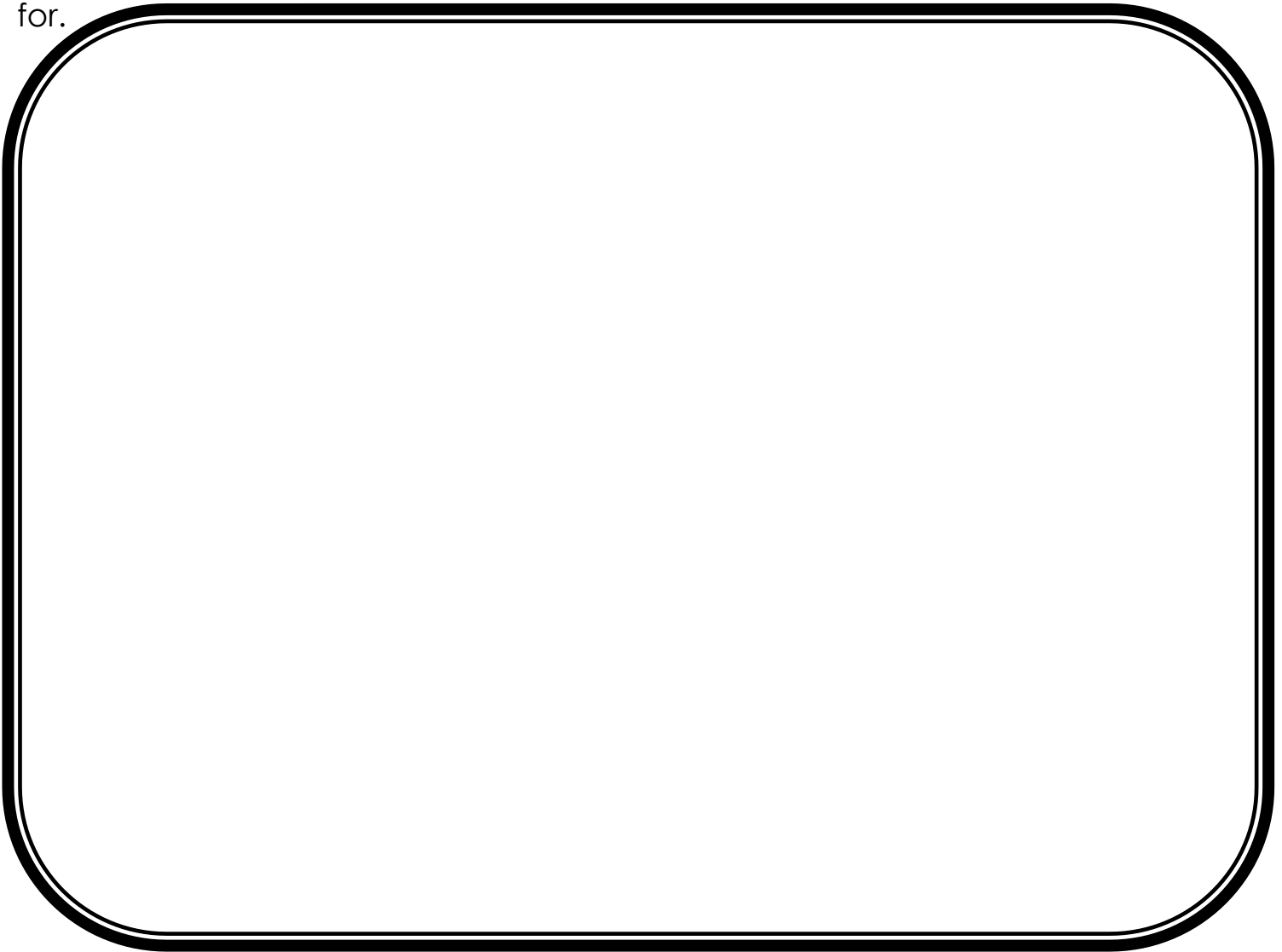


Screw



Pulley

It's your turn to be the inventor! Try to invent something useful that uses at least 2 of the simple machines. Draw it, and then explain what the invention is used for.



The simple machines used in my invention are: _____

This invention is used for: _____
