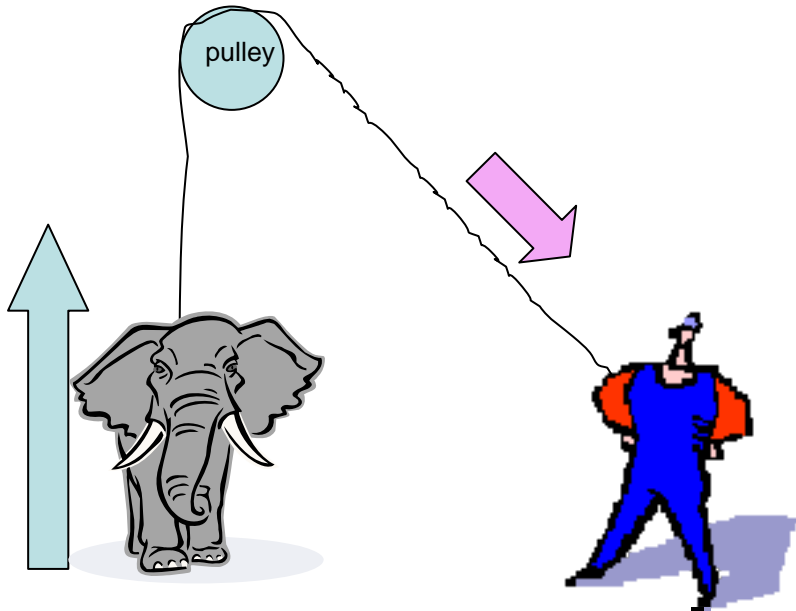


Name: _____

Computer Number _____

Surfing Simple Machines

A simple machine is anything that makes work (moving something) easier. That means, if you put in a little push (force), you get out a BIG push (force). See the example below:



The man in this picture is using a simple machine called a pulley. He can use a small force (little arrow) to pull on the rope and get out a big force (big arrow) letting him lift the elephant. Without the pulley he would not be able to lift the elephant. With the simple machine he can!!!
Simple machines make work easier!!!

Use the following simple machine website to help you complete the rest of this packet.

<http://www.edheads.org/activities/simple-machines/>

Wheel and Axle	Examples	Diagram (Include all arrows and text)

Lever	Examples	Diagram (Include all arrows and text)

Pulley	Examples	Diagram (Include all arrows and text)

Inclined Plane	Examples	Diagram (Include all arrows and text)

Screw	Examples	Diagram (Include all arrows and text)

Wedge	Examples	Diagram (Include all arrows and text)