

Name: _____

Simple Machines Match

Directions: Match the simple machine to its operation.

lever

a wheel with a groove around the outside edge where a rope is placed and is used to make pulling objects upward easier

wheel & axle

two inclined planes joined back to back that fit into creases and are used to split things in two

wedge

a straight rod or board that pivots on a point called a fulcrum which can be moved depending on the weight of the object and the force needed, used to make lifting easier

inclined plane

an inclined plane wrapped around a cylinder which easily moves through material such as wood

pulley

a set of wheels connected by a smaller cylinder, called an axle, allowing the set to turn, makes moving objects easier

screw

a sloping surface, used to alter the effort and distance involved in doing work, such as lifting loads

Directions: Look around your classroom. Find examples of each simple machine.

lever

inclined plane

wheel & axle

pulley

wedge

screw
