

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Simple Machines

Write the kind of simple machine that is represented in each picture.



A **pulley** has a wheel that can change the direction of the force. It moves things from a low area to a higher one, or high to lower.

An **inclined plane** allows you to move vertically, with less effort than if you moved straight up.

**Levers** allow you to lift more weight than you could on your own.

**Wedges** are a type of inclined plane and are used to lift or separate. Wedges are usually used to tear, cut, or break an object.

A **screw** allows circular movement to be translated into an up or down motion that takes up less horizontal space.

A **wheel and axle** reduces friction when you try to move something across a surface.