

Other Simple Machines



1. What is an inclined plane?

-Simply a _____

2. What two factors does an inclined plane trade off to change the way work is done?

-_____ is traded for _____.

-The less steep (and therefore _____) an inclined plane is, the _____ it is to push or pull an object up it.

1. What is a screw?

-A _____ with _____ wrapped around it.

2. How is a screw like an inclined plane?

-While a screw may be _____, the threads wrapped around it can be very _____.

-As with a ramp, _____ the distance _____ the amount of force needed to do work.

1. What is a wedge?

-Two _____ placed back to back.

2. How does a wedge change the way work is done?

-The direction is changed, an _____ force is changed into an _____ force.