

Name Key Date _____

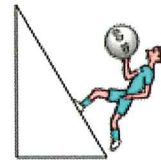
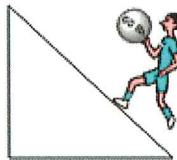
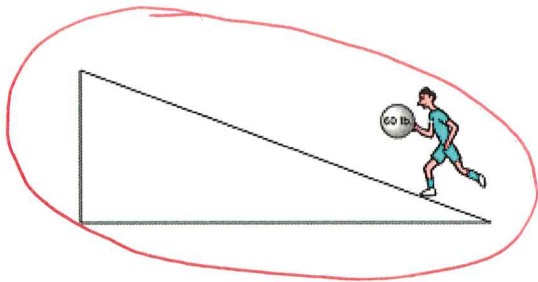
Inclined Planes and Wedges Notes

Inclined Plane or Ramp

An inclined plane is a ramp that can be used for moving heavy things up and down.

An inclined plane uses less effort to move an object up or down than actually lifting the object.

Which inclined plane would make lifting the ball the easiest?

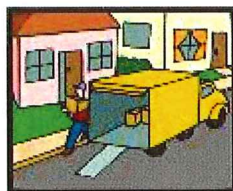


Examples of Inclined Planes:

stairs



ramp



wheelchair

ramp



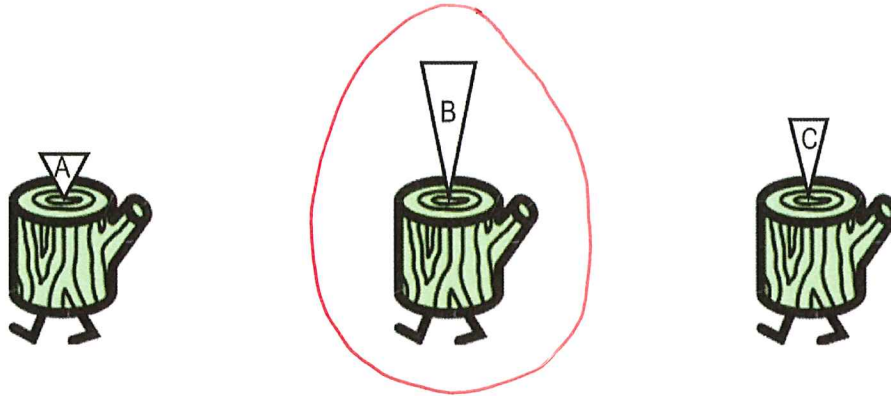
slide



Wedge

A wedge is a small inclined plane that can be moved. It can easily be slid under a door to keep it open. It can also split things apart.

Which wedge will make splitting the log the easiest?



Examples of Wedges:

scissors



nails



saw



Knife



Zig Zag Patterns

When climbing a hill, using a zig zag pattern makes your trip

longer but makes each step easier.