








Which statements are True and which statements are False?

WELL DONE!

-  **TRUE / FALSE** **A)** A piece of cake is usually in the shape of a wedge.
-  **TRUE / FALSE** **B)** A nail is a type of screw.
-  **TRUE / FALSE** **C)** Inclined planes are straight up and down.
-  **TRUE / FALSE** **D)** A wedge is usually used to split something into two parts.
-  **TRUE / FALSE** **E)** An inclined plane has no moving parts.

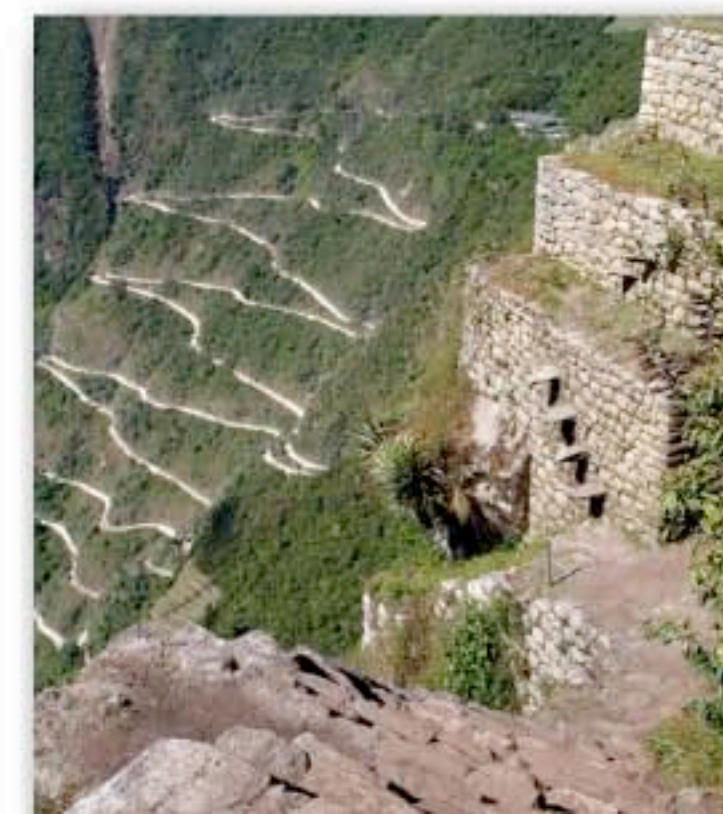
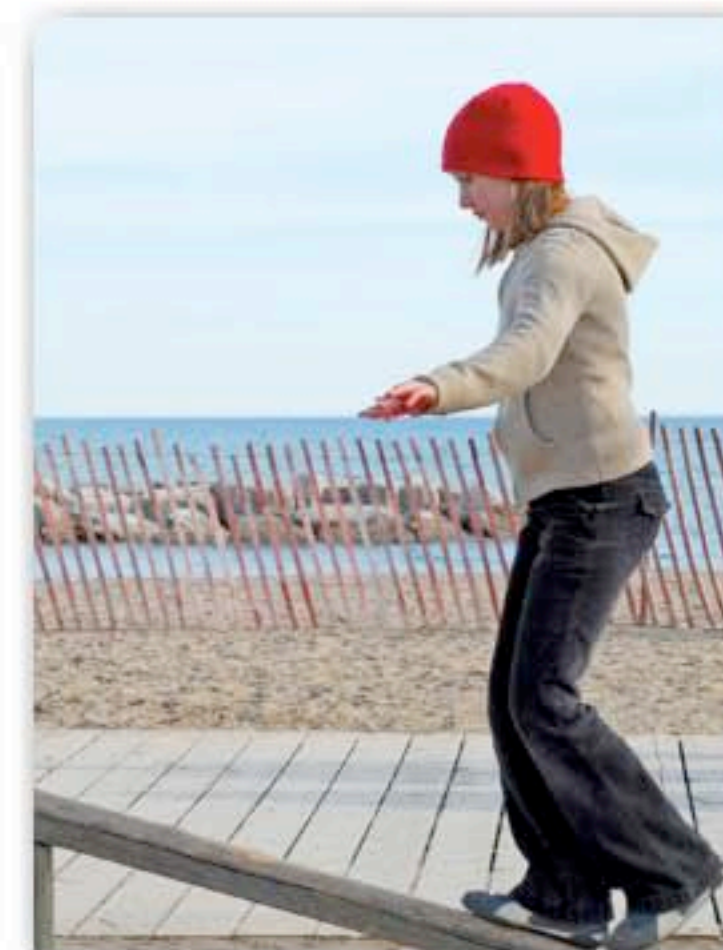


Inclined Planes

An **inclined plane** is just a slope. It has no moving parts, but it is still called a machine. The images to the right show two inclined planes.

One picture shows a girl walking up a slanted wooden rail. It is easier to walk up the slope than it is to walk up a flight of stairs. It takes longer, but it takes less force. That's how it is with inclined planes. The more gentle the slope, the less effort it takes and the more time it takes.

The other image shows the road to the ancient ruins of Machu Picchu, in Peru. It's the slow, easy way to the top. Which would you prefer? **continue reading**



Characteristics of Inclined Planes, Wedges, and Screws

Simple Machines:

Examples:

Jar Lid

Light Bulb

Wedges

Inclined Planes

Screws



Hatchet
Knives
Teeth

Slopping Roads
Ramps
Slides

Wrench
(example)
(example)



Reset