



**Which action is work?**

- A)** Lifting a pencil.
- B)** Reading a school book.
- C)** Pushing a wheelbarrow.
- D)** Carrying an armload of firewood.

**WELL DONE!**



## What Are Simple Machines?

A **machine** is something that makes work easier by changing the force you apply to do work. A machine can change the amount of force you apply, and it can also change the direction of the force. A **simple machine** is a machine with only one kind of movement.



There are six kinds of simple machines: **lever**, wheel & axle, pulley, inclined plane, wedge, and screw. Look at the pictures of the six simple machines. It's easy to see how most of these work and how they change the force. We will look at each of these machines later on.

It is important to understand that simple

continue reading



All of these are simple machines, *except*

- A) an axe.
- B) a toaster.
- C) a bottle opener.
- D) a wheelchair ramp.

WELL  
DONE!



**Open Discussion:**

What are **two (2)** things a simple machine can do?