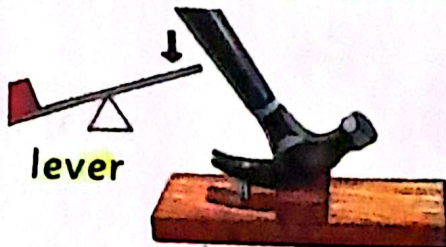
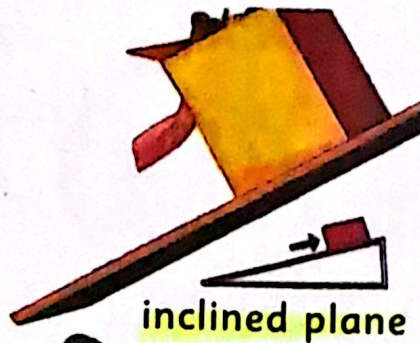


There are six kinds of simple machines. Have you ever seen any of these machines before?

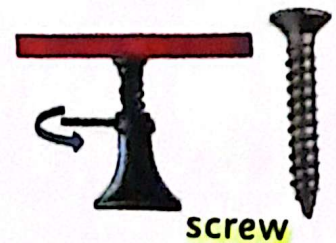
To understand how simple machines work, you need to know about **force**. Force makes things move. You use force when you **push** against something or **pull** something.



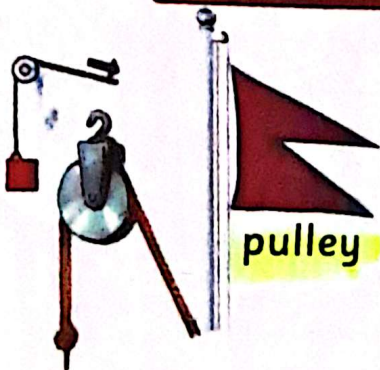
lever



inclined plane



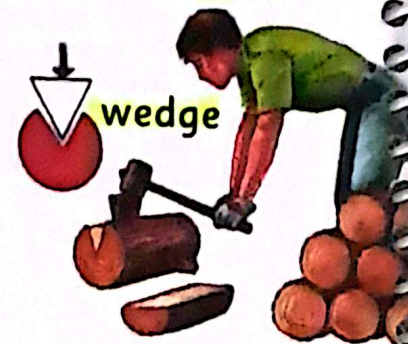
screw



pulley



wheel and axle



wedge

Look at the pictures. In one, a man is **lifting** a heavy box. In the other, a man is using a **ramp**. It takes less force to slide the box up the ramp than to **lift** it up.

A ramp is a kind of simple machine called an **inclined plane**.

