

## Primary Science

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.



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**.



## Inclined plane

Inclined planes make it easier to move things up or down. The road in this picture is an inclined plane.

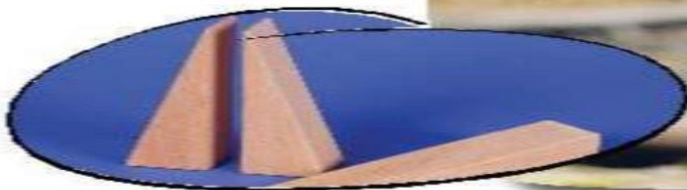
The slide on your playground is also an inclined plane.




## Wedge

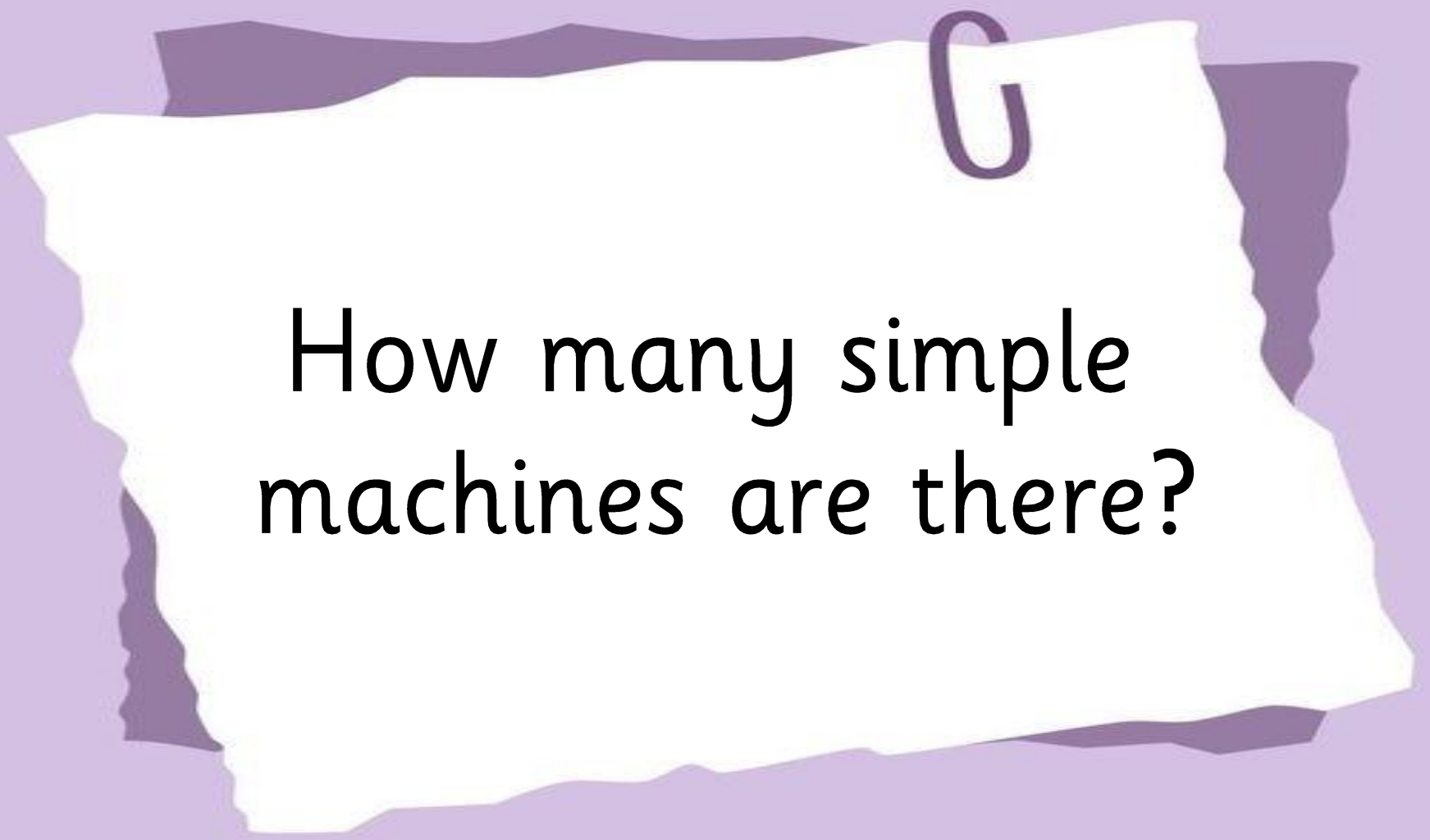
A **wedge** is another kind of simple machine.

An axe is a kind of wedge. It goes into the wood and splits it apart.

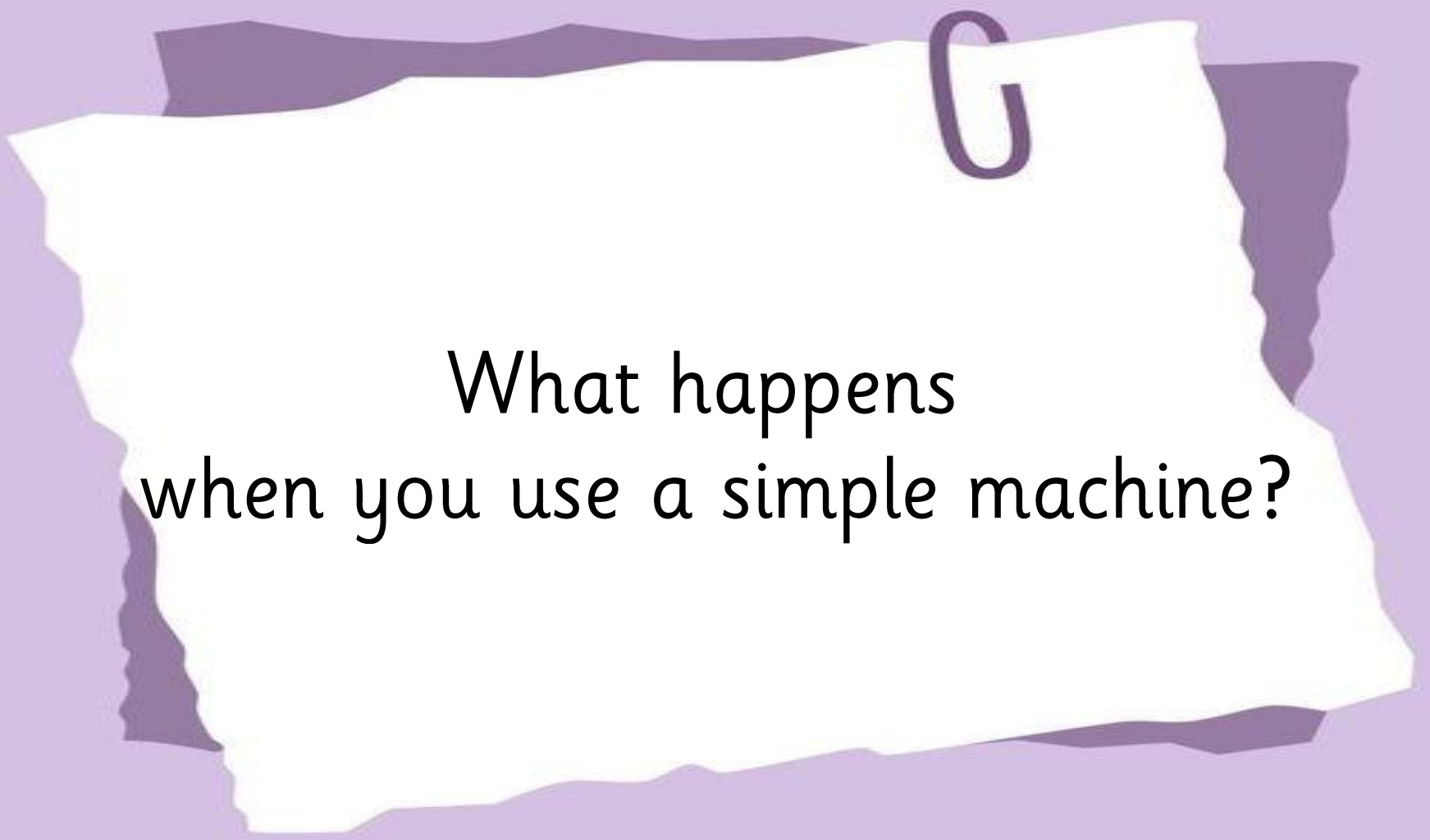




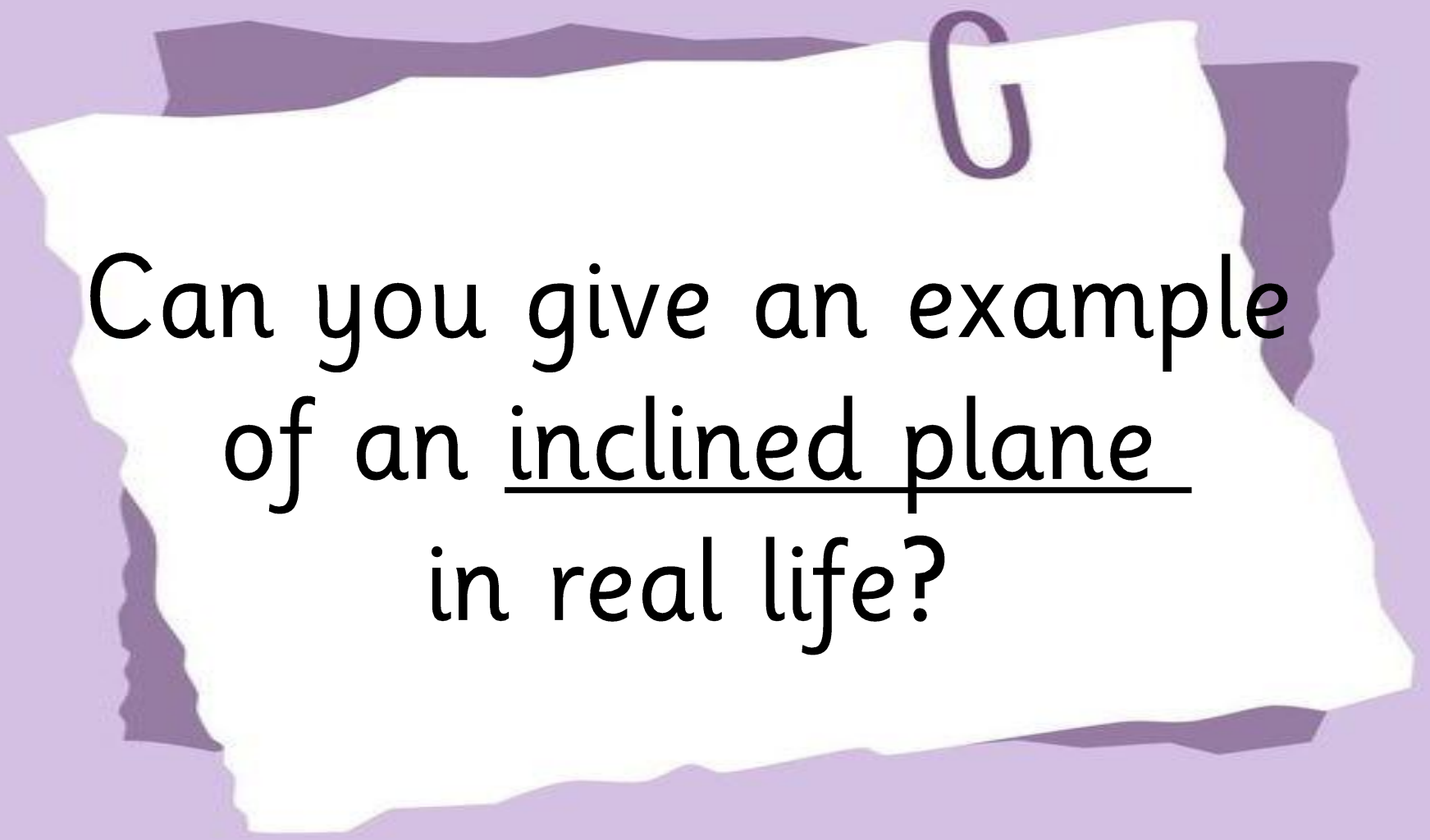
How many types of  
machines are there?

A purple paperclip is attached to the top right corner of a white, torn-edged paper note. The note is centered on a solid purple background. The text on the note is in a black, sans-serif font.

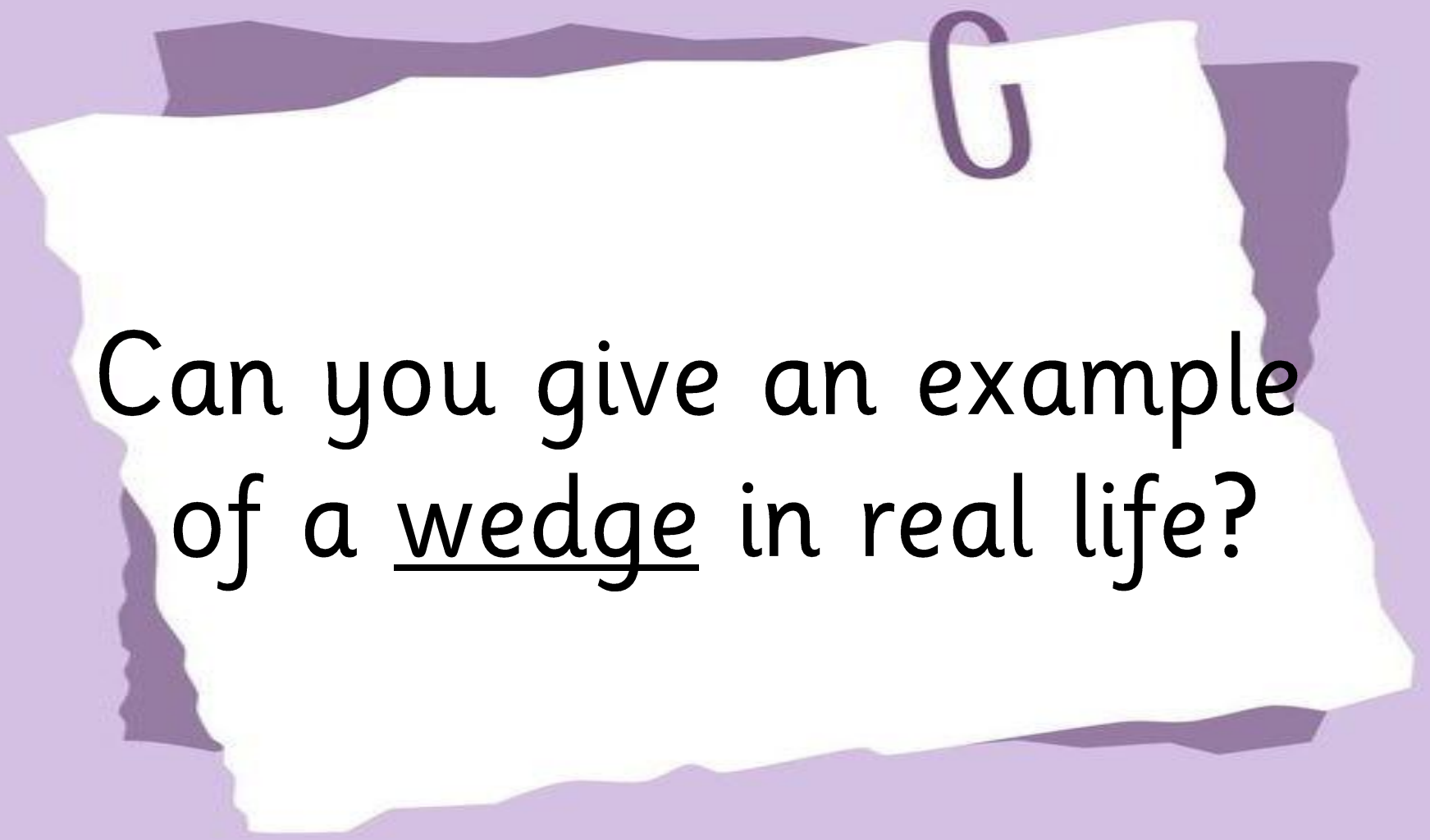
How many simple  
machines are there?

A purple paperclip is attached to the top right corner of a white, torn-edged paper. The paper is set against a solid purple background. The text is centered on the white paper.

What happens  
when you use a simple machine?



Can you give an example  
of an inclined plane  
in real life?



Can you give an example  
of a wedge in real life?