

# Oval round

What saucer shape do you feel when looking through the lens?



Look through the lens and run your fingers along the edge of the saucer.

Rotate the lens at the wooden edge by  $90^\circ$  and feel the shape of the saucer again.

Close your eyes. How does the saucer feel now?

Does the saucer feel oval, just as you see it through the lens?

Without the lens you can see that the saucer is definitely round. But the distortion of the lens makes the saucer look oval. If you close your eyes, the saucer feels round again.

When you feel and see an object at the same time, visual perception strongly influences tactile perception. The saucer always feels oval in any orientation of the lens, even if you know that the saucer cannot change its shape and that it is actually round.