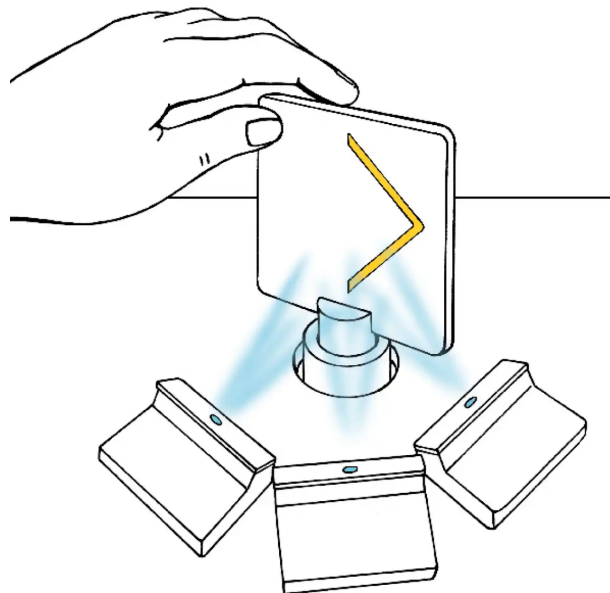


# Spin a shape

Which form turns into which three-dimensional shape when being spinned?



Jump on a stool so you have a better view.

Place one of the four plates in the spinner to your left.

Turn the crank and watch the plate.

Can you predict what three-dimensional shapes the plates turn into?

When the plates turn, the flat twodimensional shapes become threedimensional objects.

The two-dimensional plates rotate around the center axis, which is called the axis of rotation.

The same two-dimensional objects can result in different three-dimensional objects depending on the axis of rotation. By moving the position of the chevron, relative the axis of rotation, it can either become a double cone, or a double cone with two additional cones on the sides.