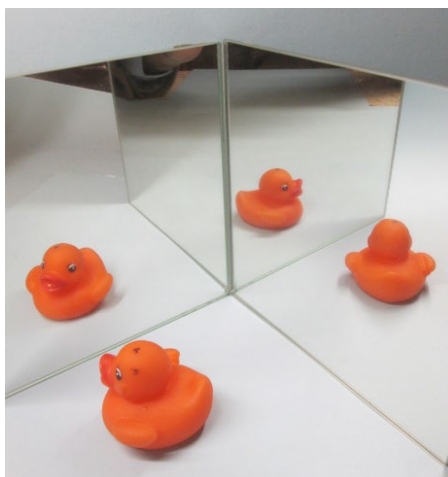


Reflections in 2 mirrors (PRIMARY)

Read it -- Try it safely -- Explore it further

A person looking into a mirror sees an image of themselves.

If 2 mirrors are placed as shown, how many images would you see?



Answer: 3 images.

One in front of you,
one to the side
and one in the corner of the mirrors.

In total, there are 4 ducks in the photo
-- the duck herself, and her 3 images.

Move the mirrors to make an angle of 60° and look to see how many ducks will be visible?

Angle between mirrors	90°	60°	45°	30°	
Number of ducks	4				

Move the mirrors to make an angle of 45° and look to see how many ducks will be visible?

Can you say how many ducks can be seen when the mirrors make an angle of 30° ?

Extension activities:

Move the mirrors closer together and see if there are more ducks, or less than before.