



ROTATING MIRRORS.

phaeno

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STAND in front of one of the mirrors so that you can see your face.

TURN the mirror and observe your reflection in the mirror.

LOOK again carefully at the reflections in the three mirrors (all upright oriented).

Are they identical?

Plane mirror: When turning the mirror nothing changes. Your reflection doesn't turn.

Angled mirror with a 90° opening angle: You can see a non mirror-inverted image, i.e. left and right is not interchanged in the reflection. The image is a reflection of a reflection. If you turn the mirror you can see an image which is turned upside down.

Angled mirror with a 60° opening angle: The reflection looks like a normal reflection created with the plane mirror. The image is a reflection of a reflection of a reflection. In the "mirror world" you will notice six areas with an angle of 60° between them.

