## Mega-Kaleidoscope

## Are all your reflections in this kaleidoscope indentical?



Crawl under the wall into the kaleidoscope.
Count the number of reflections.
Compare the reflections.
You can also look into the kaleidoscope from outside through the peephole.

An image of an image of an image... of yourself. This probably reminds you of the images of a kaleidoscope (greek word for "looking at beautiful images").

A kaleidoscope is usually a tube-like box containing three mirrors and coloured snippets of paper or other materials or drops of liquid.

In this kaleidoscope the three mirrors form a triangular room that you can step into and then see yourself mirrored from all sides - almost endlessly. The reflections get fainter as they recede, because each reflection absorbs a certain amount of light.

