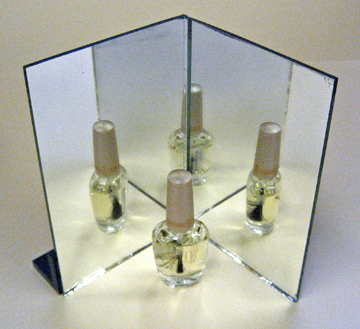
§7 IMP14  
Reflections of Reflections



Imagine two parallel mirrors with a (non-symmetrical) object in between:

Generate the resulting images.

Call reflections in one of the mirrors *a* and the other *b* so that you are generating reflections which can be symbolised by expressions like *a2, aba,* etc.Investigate any strings of reflections that produce the same result.

See Cabri and Geogebra files

For non-parallel mirrors (see pictures) what can happen? Investigate any equivalent combinations of reflections.

What if three mirrors are arranged in an equilateral triangle, or any triangle?

You may like to read the excerpt from 'Mister God this is Anna' by Fynn.