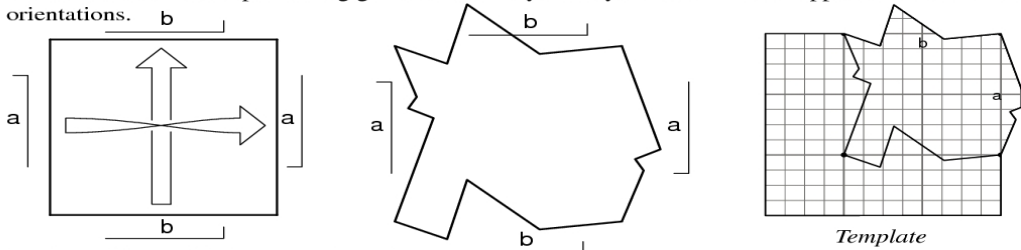


Template 7-3

Symmetry group pg, Heesch type TGTG, Escher's notebook nos. 108 and 109

Tessellation with glide reflection symmetry

One of two independent line segments simply translates from one edge of the square to the opposite edge, while the other line segment is reflected from one side of the square to the other. This results in a tessellation possessing glide reflection symmetry, in which the tile appears in two distinct orientations.



To draw this tessellation using the grids:

Cut along the top and right edges of your tile. Form Column 1 of lines as indicated below by tracing the cut edges. Then flip your template over top to bottom and form an adjacent Column 2 of lines. Repeat this pattern to make a wider tessellation.

