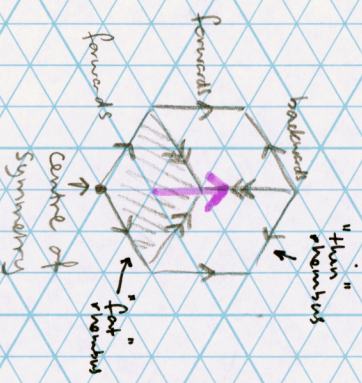
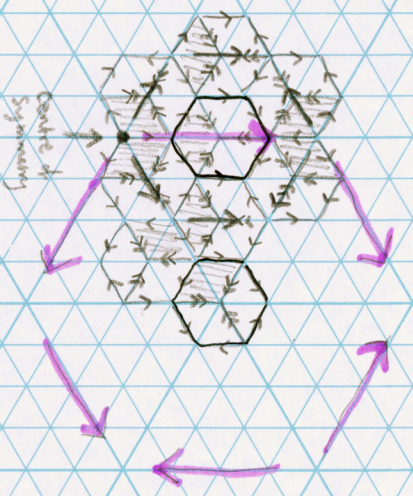
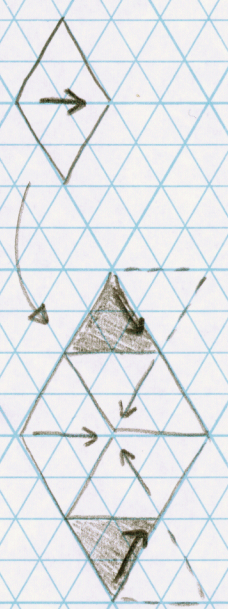


In first row, arrows merely distinguish orientation of tile for substitution purposes. First substitution for each tile defines tiling.



Side arrows are in imitation of Penrose's rhombus tiling.

The pattern of arrows is continued at each scale, the diameter of the old hexagon being the new side at each scale. The central hexagon is filled in with the same hexagon at each scale. The ratio of tiles is 1:2, black = white.