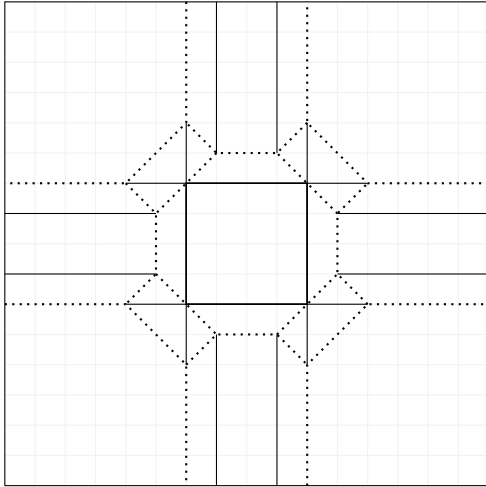


# SQUARE ON CROSS TESSELLATION

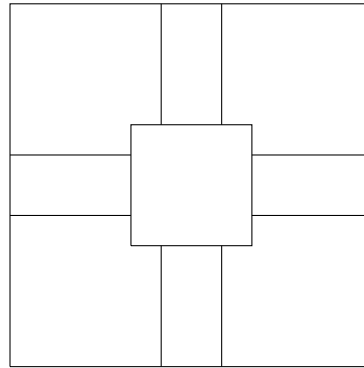
H. A. VERRILL

first step, crease diagram on left, folded view on right.

crease diagram

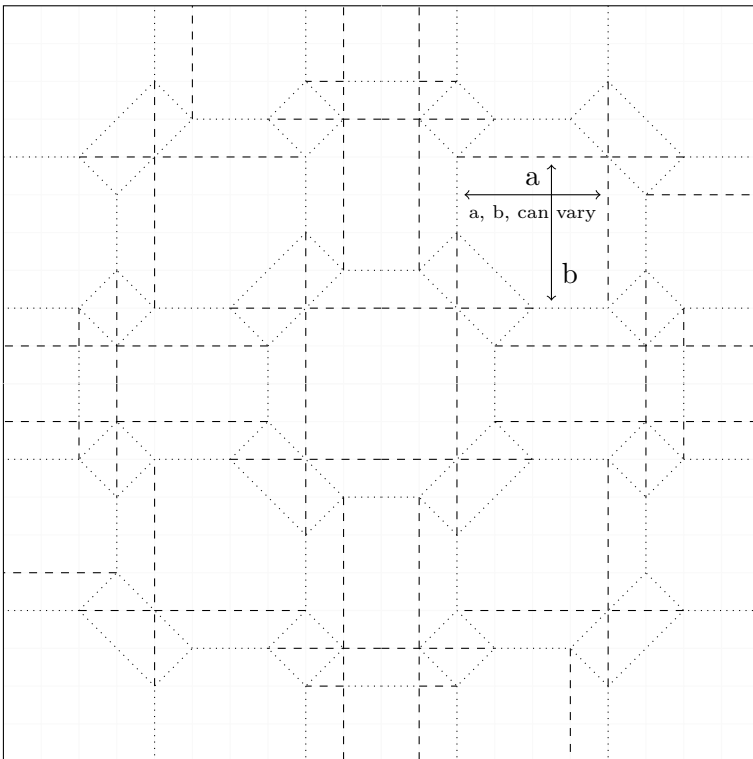


folded view

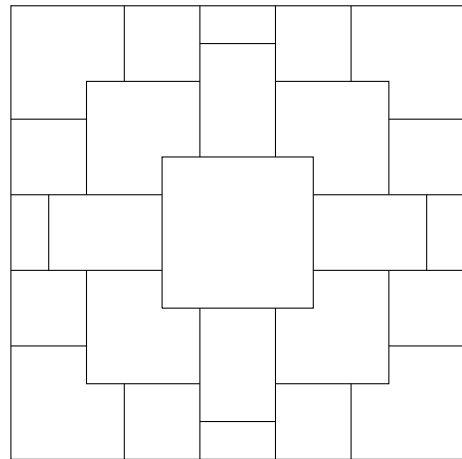


Second step:

crease diagram



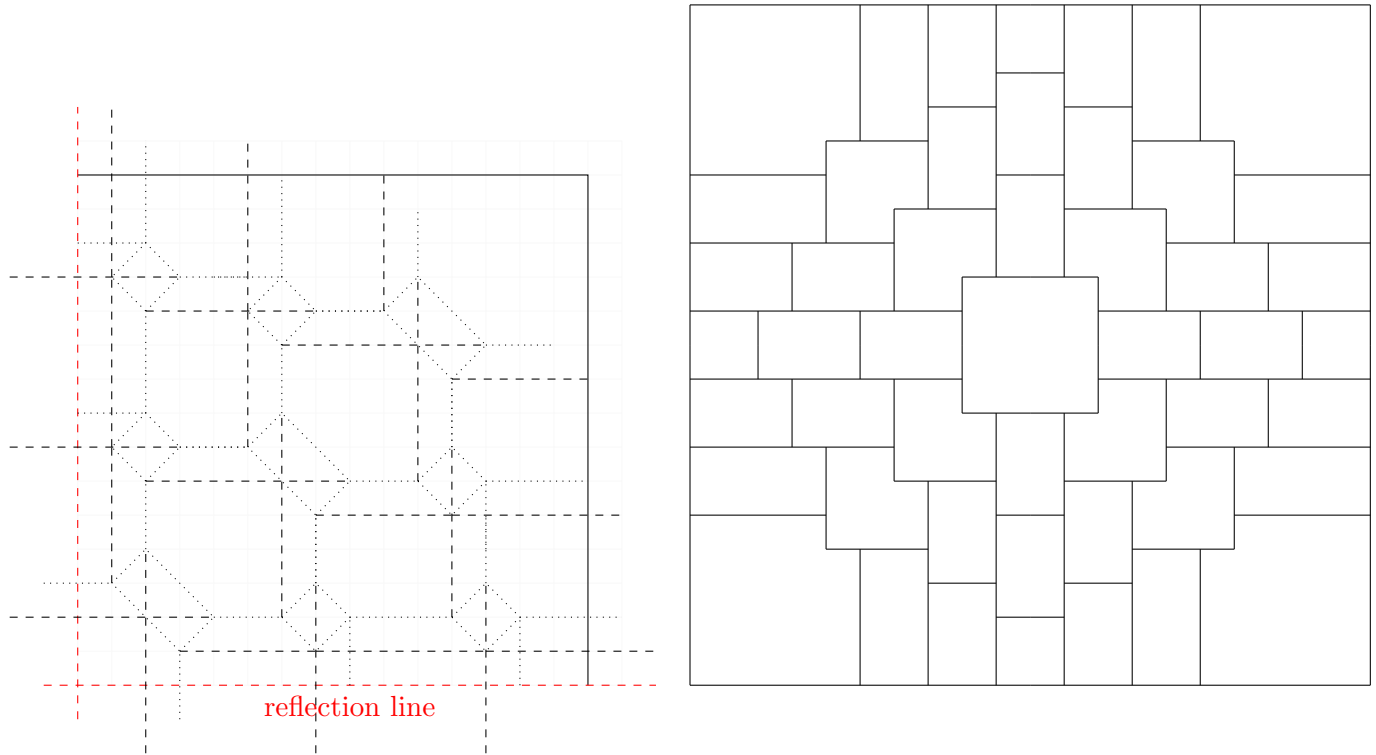
folded view



To make these, I crease the grid of squares first, then add the extra diagonal creases for. Fold all creases first, but you can fold to look like the first step, then carry on to do the second step, and so on, so you don't really have to do the whole thing all at once.

Third step:

In this diagram, to save space, I'll just draw one quarter of the crease pattern. The red lines are reflection lines.



This sequence can be continued. At each step, four more diagonally placed rectangles (below left) are added, and then a certain number of squares (below right)- 8, 16, 24, 32, ... and so on.

