

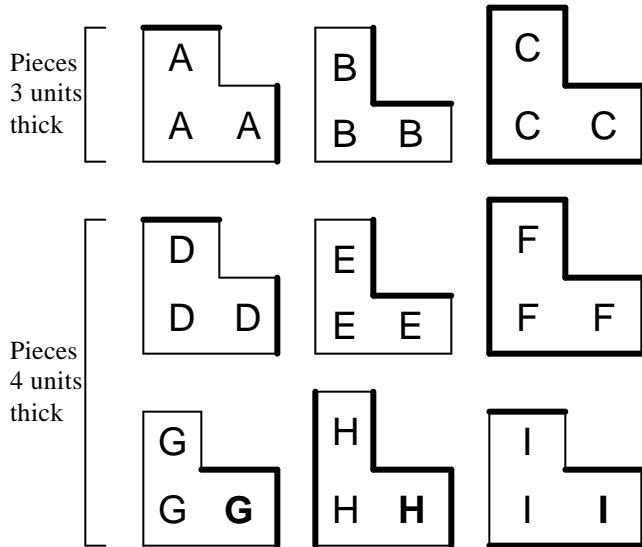
Nine L-ements

Exchanger: Rick Eason
 Address: 595 Forest Ave.
 Orono, ME 04473-3008
 Phone: 207-941-9727
 E-mail: rick@eason.org
 Web: www.mechanicalpuzzles.org

Objective: Make a cube with the 9 pieces
 Puzzle type: 3D put together
 Description: 9 L-shaped pieces form a cube
 Material: Maple
 Cube dimension: 6.6 cm on a side
 Designed and made by: Rick Eason

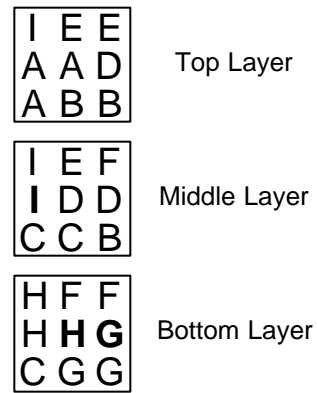
The Pieces

Thin lines are 3 or 7 units long
 Thick lines are 4 or 8 units long
Bold letters mark larger lobe (GHI)



A Solution

There are 169 solutions, one of which is given below. This solution is unique in that it is the only one which does not yield any other solution by rearranging only 2 or 3 pieces.



The following five solutions are the only remaining solutions which require rearrangement of at least three pieces to yield any other solution. For two pairs the closest relatives are shown.

