

eL Perch

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Objective: Assemble a stable cube on the perch using the 7 pieces
 the perch using the 7 pieces
 Puzzle type: 3D put together
 Description: 7 pieces (6 L-tetrominos and 1 V-triomino) make a 3x3x3 cube on the three-stick perch.
 Material: Maple
 Designed and made by: Rick Eason

There are 3 solutions. Two of these only differ by a simple rearrangement of two pieces. The pieces in each layer (as viewed from an angle) are given for each solution. The 6 L-tetrominos are labeled 1-6 and the triomino is labeled V. **Bold** lines indicate the cell faces that are supported by the perch.

Solution 1

6	6	6
1	1	1
1	3	4

Bottom corner

5	V	6
2	2	2
2	3	4

5	V	V
5	3	4
5	3	4

Top corner

Solution 2

V	V	6
1	1	1
1	3	4

Bottom corner

5	V	6
2	2	2
2	3	4

5	6	6
5	3	4
5	3	4

Top corner

Solution 3

3	3	3
V	V	3
V	2	6

Bottom corner

5	5	5
1	1	1
1	2	6

4	4	5
4	2	6
4	2	6

Top corner