Subject: The 30-Cell Puzzle
Posted by henryseg on Sun, 07 Oct 2012 10:04:41 GMT
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This is a new puzzle, designed/discovered by Saul Schleimer and myself. It is based on the
120-cell, one of the 4-dimensional regular polytopes, the analogues of the 3-dimensional regular
polyhedra (the cube, tetrahedron, octahedron and so on). The goal is to assemble the 5 identical
pieces shown in the first picture into the ring-like structure shown in the others. Each of the five
pieces is made from six dodecahedral cells, giving the puzzle its name.

Shapeways shop
YouTube video

Cheers,

Henry

File Attachments
1) 30-cell_puzzlemontage.jpg, downloaded 120 times

Subject: Re: The 30-Cell Puzzle
Posted by Magic on Sun, 14 Oct 2012 08:29:15 GMT
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4-D puzzles... Brillant!