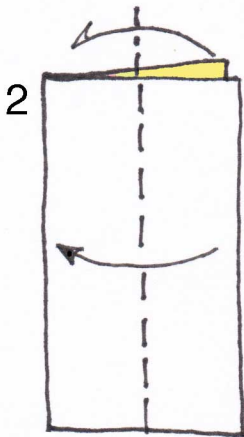
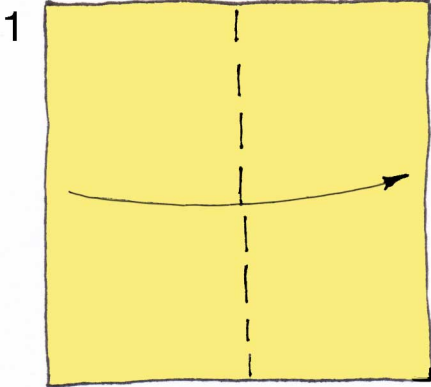


i-Squash-ahedron

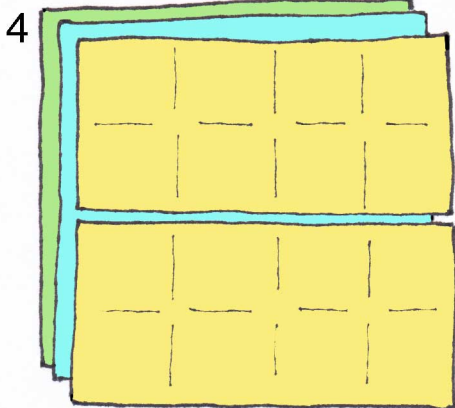
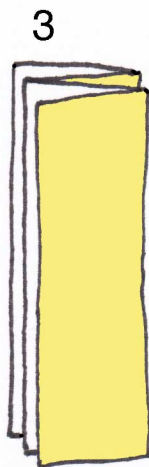
by Dave Brill © 2018

A moving six unit construction, forming a *cuboctahedron* in its closed position.

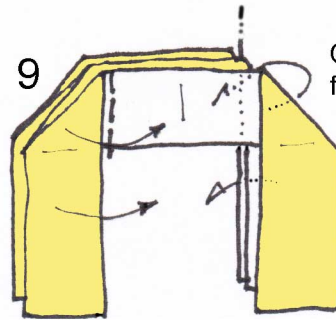
Use a 20cm square:
make a vertical valley fold



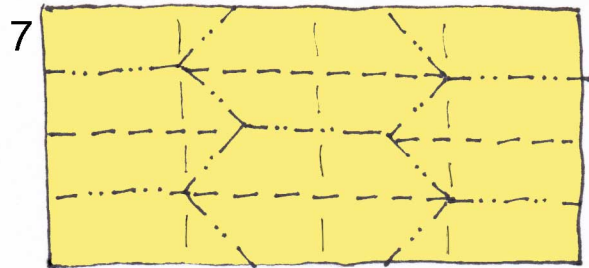
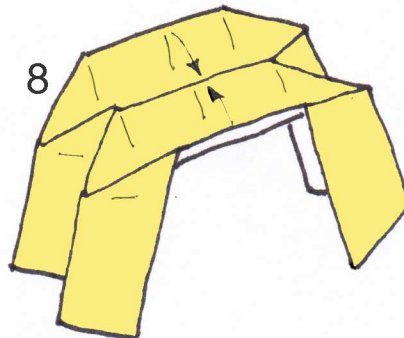
Unfold completely and
make a 4 x 4 grid by
repeating steps
1, 2 and 3 horizontally



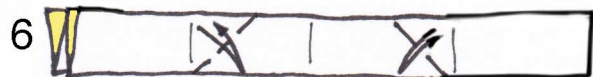
Cut in half, and repeat all steps
so far on two more squares.



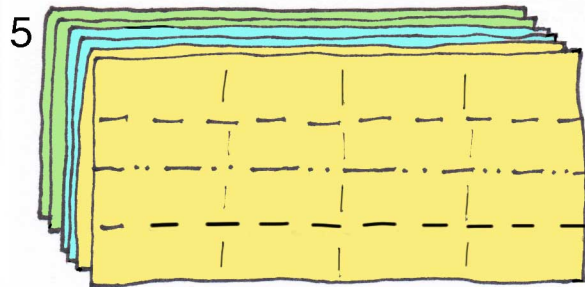
Open these layers
front and behind



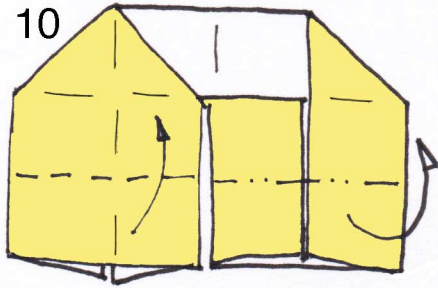
Open and reform these creases, then collapse.



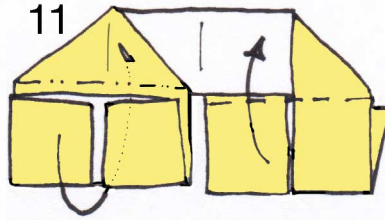
Precrease two diagonals, noting their positions carefully..



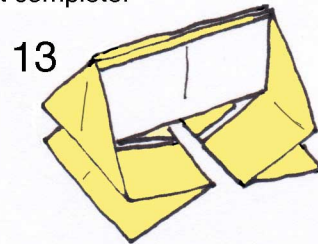
Six 2x1 rectangles. Repeat all the
following steps with all six rectangles.
Precrease and collapse,



10
Valley fold in front, and mountain fold behind

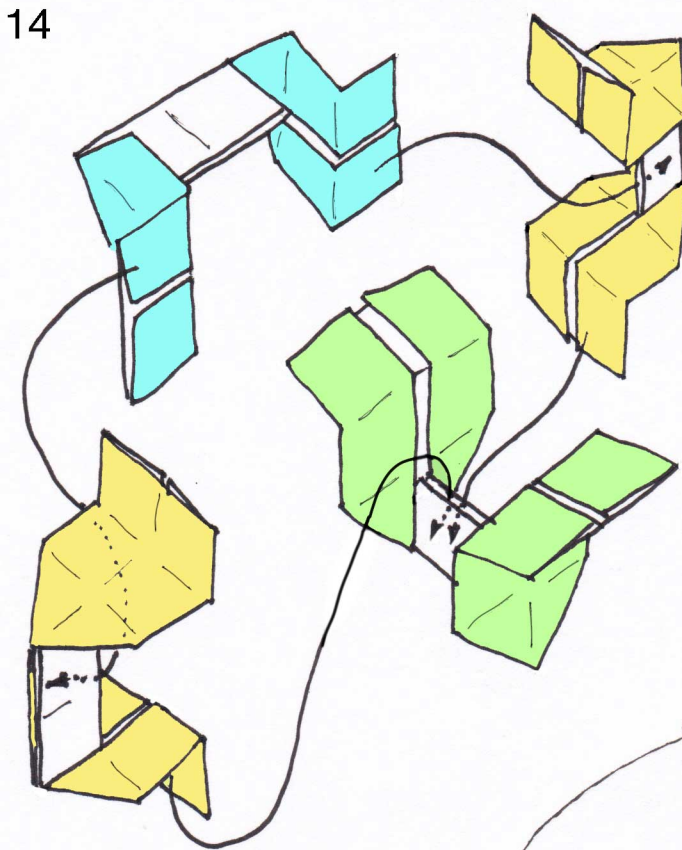


11
Unit complete.

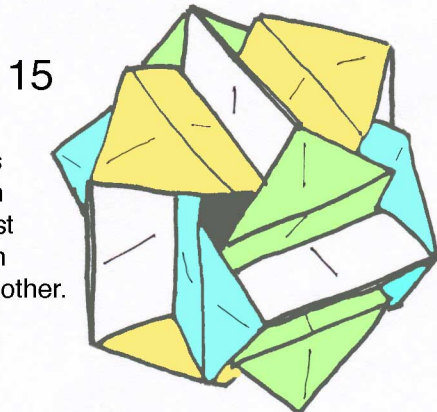


12
Unit complete.

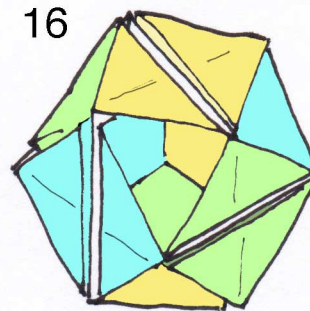
13
Rearrange to this position, then open the "arms" of the unit slightly.



14
Connection of the units. Note how two flaps are inserted into one pocket. Continue until all six units are connected.



15
Slide the units back and forth carefully at first until the action becomes smoother.



16
i-Squash-ahedron
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