

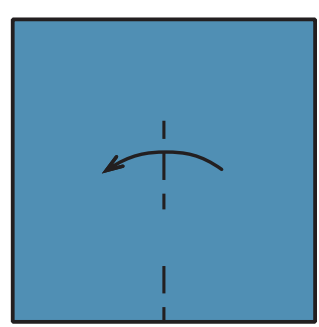
WXYZ

★★★★☆
Use 12 squares
Finished model ratio 1.0

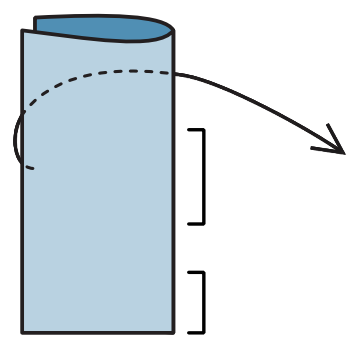
WXYZ was the result of experimenting with skeletal cuboctahedra, which can be seen as four intersecting regular hexagons: what happens if the hexagons are transformed into equilateral triangles? This spawned other planar units like my *Blintz Icosidodecahedron* and creations by others in *Planar Modules* [Petty 13] and in Meenakshi Mukerji's website.

Use four colours so that each triangle is a different colour. Sizes from 75mm are effective.

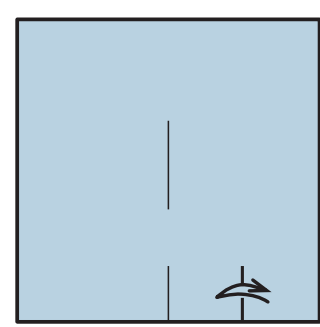
Module ★★★



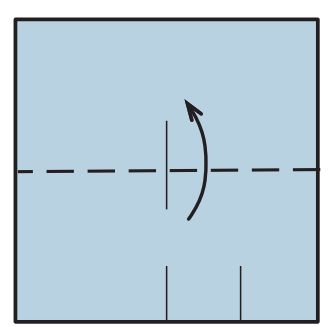
1 Pinch middle and bottom.



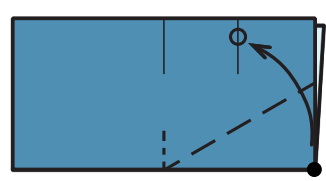
2 Unfold so that the white side is uppermost.



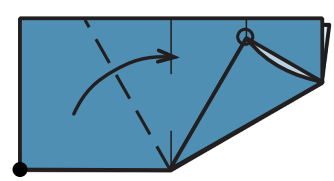
3 Pinch one quarter at bottom right.



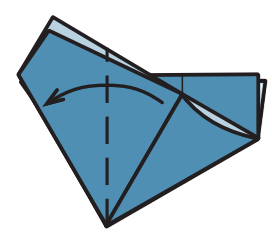
4 Valley in half upwards.



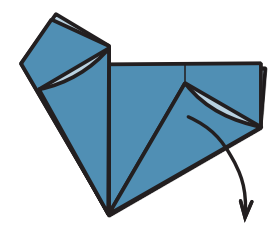
5 Use the mountain at the centre to help locate the fold.



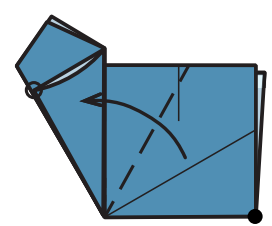
6 Fold the bottom left edge to meet the edge just folded.



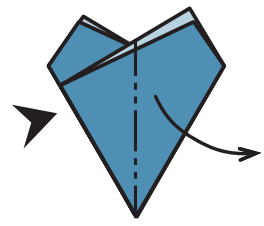
7 Fold the right edge just folded to meet the left edge.



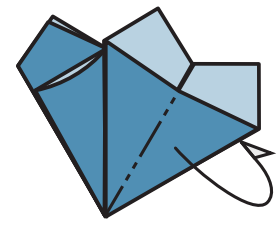
8 Unfold the right flap.



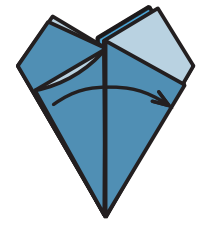
9 Fold the right corner to the left corner.



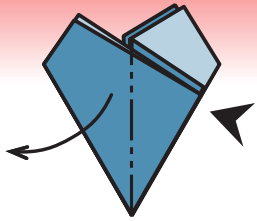
10 Squash the flap to the right.



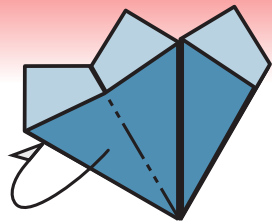
11 Mountain fold the right flap behind.



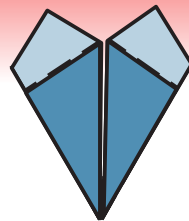
12 Fold the left flap to the left.



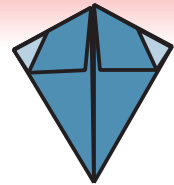
9 Squash the flap to the right.



10 Squash the flap to the right.

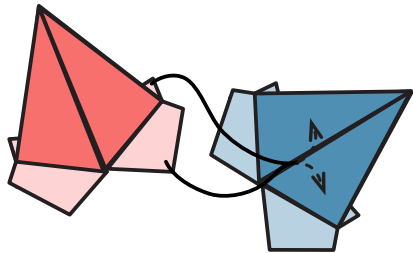


11 Fold down the white flaps against the coloured raw edges.

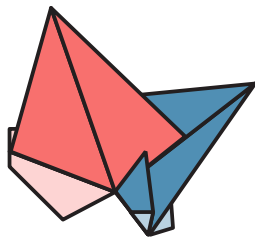


12 Stand the flaps at right angles.

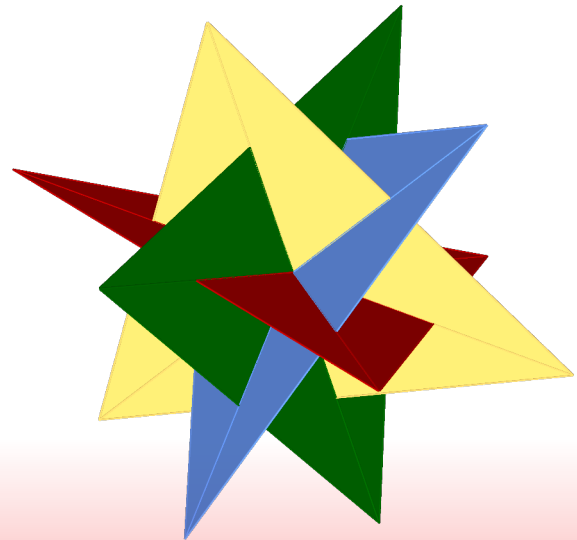
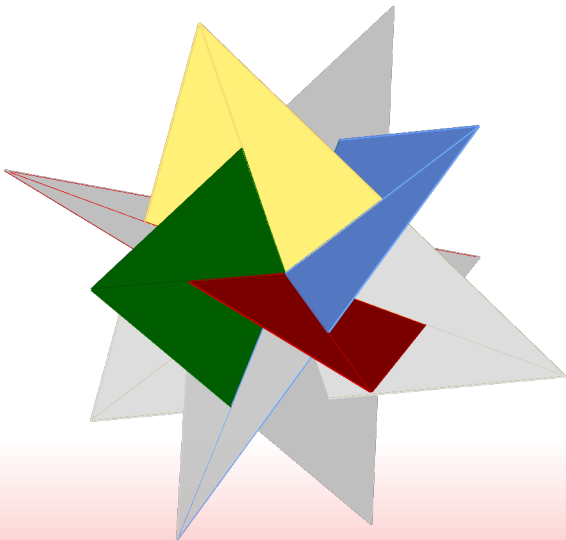
Assembly ★★★



1 Each unit has a pair of pockets on each side. Tuck two flaps of the second unit into one pair of pockets.



2 Two units joined. Add two more so that you have a ring of four units, each a different colour. Add more units to extend each plane of colour so that you have four triangles, each a different colour.



Action

Cup the model in your hands with the triangular points in your palms. Blow to spin the model. You can also put each index finger into opposite pockets and blow.