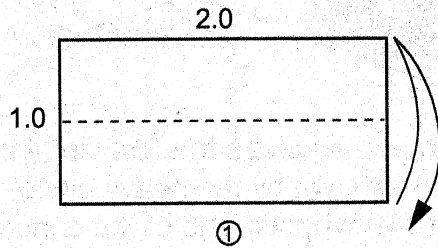
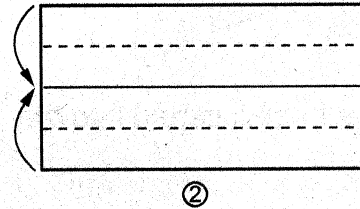


CUBE WITH WINDOWS

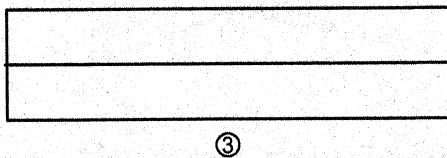
Simplification of Lewis Simon's "Decoration Box".
by Bennett Arnstein



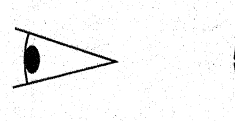
Start with a two by one rectangle, long edge on top. Fold the bottom edge to the top edge and unfold.



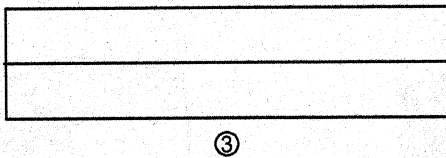
Fold the top and bottom edges to the center crease.



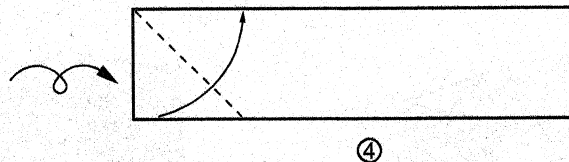
Module after step 2.



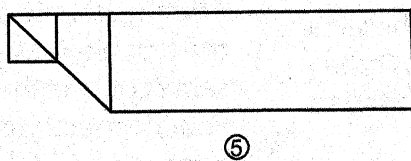
Module viewed from side.



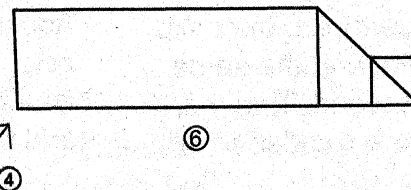
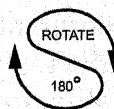
Module after step 2. Turn it over.



Fold the lower left corner to the upper folded edge.

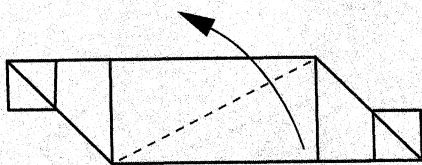


Module after step 4. Rotate model 180 degrees.



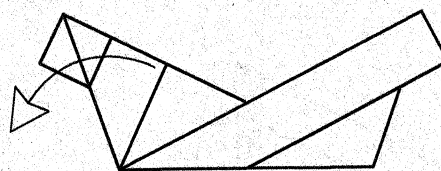
Repeat step 4 on the lower left corner.

CUBE WITH WINDOWS



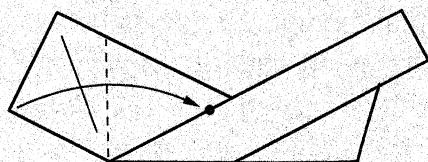
⑦

The crease line runs from the corner on the lower edge to the corner on the upper edge.



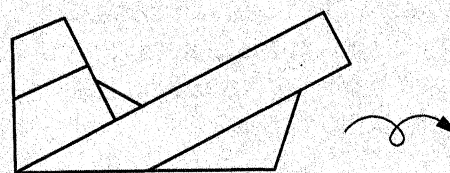
⑧

Unfold the crease made in step 6.



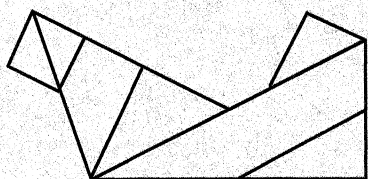
⑨

Fold the lower left corner and edge to the diagonal folded edge.



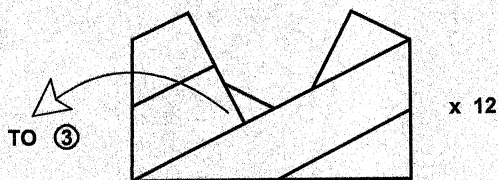
⑩

Turn the module over.



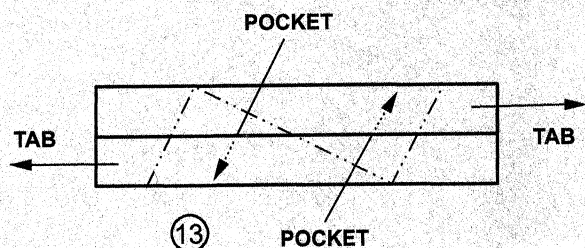
⑪

Repeat steps 8 - 10 at the left end of the module.



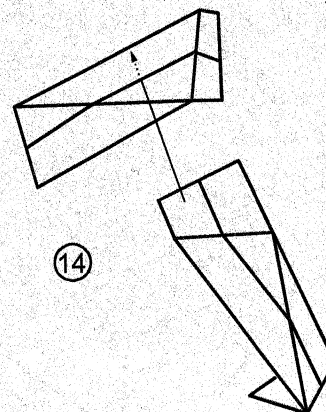
⑫

The module is finished. Unfold to step 3. Make twelve modules.



⑬

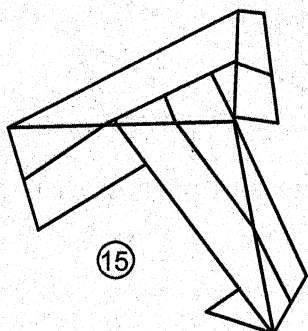
✓ Note tabs and pockets on finished module.



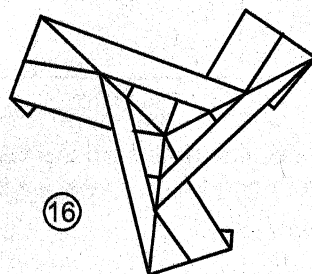
⑭

Connect two modules by partially closing the mountain creases to right angles, and inserting a tab on the second module into a pocket on the first module.

CUBE WITH WINDOWS

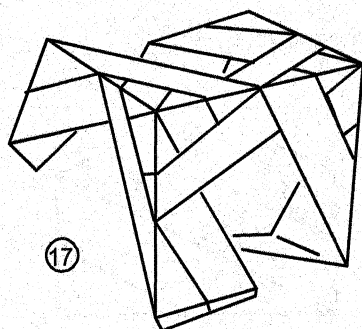


Two modules have been connected. The short crease on the entering module lines up with the long crease on the receiving module.

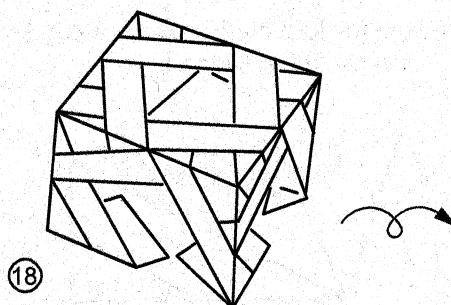


Three modules have been connected. A tab on the third is inserted into a pocket on the second, and a tab on the first is inserted into a pocket on the third.

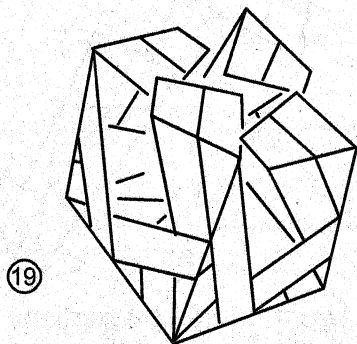
This forms one corner of the cube.



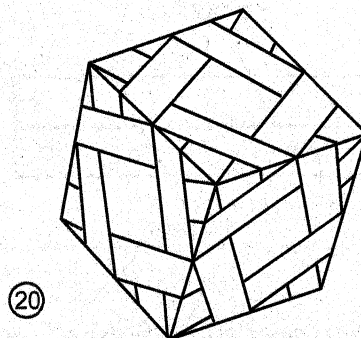
Add two more modules to the end of one of the first three modules to form a second corner of the cube. Always complete a 3-module corner after it has been started because the three modules hold themselves together.



Continue adding modules to the built-up assembly, forming one corner of the cube at a time, until one face of the cube has been completed. Then turn the assembly upside-down with the completed face on the bottom.



With the completed face on the bottom finish the remaining four corners, one corner at a time.



The Cube with Windows is finished.

Beginner's Book of Modular Origami Polyhedra

THE PLATONIC SOLIDS



Rona Gurkewitz | Bennett Arnstein