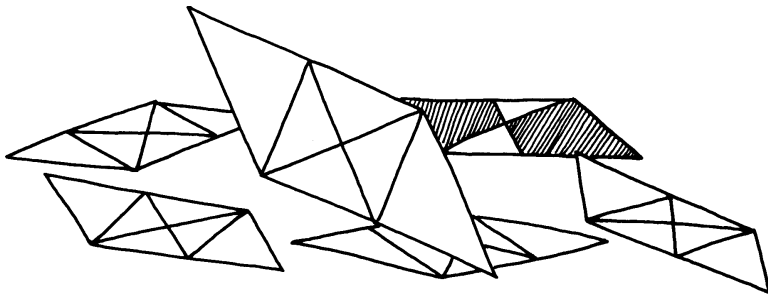
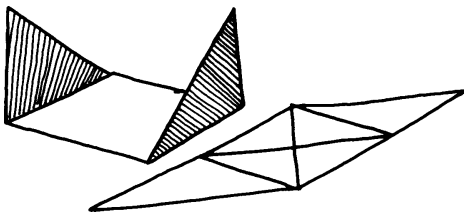


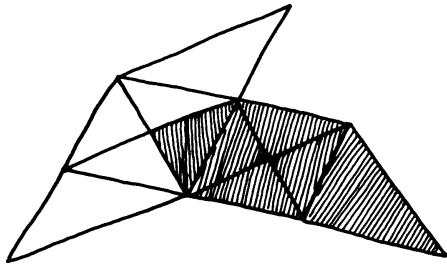
Self locking Cube



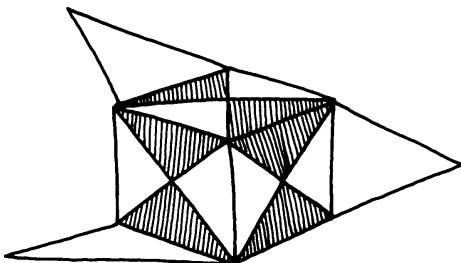
1. Fold six self locking parallelograms of the same size using the procedure described on the previous page. As parallelograms can have left or right orientations, ensure that all the 6 parallelograms have the same orientation.



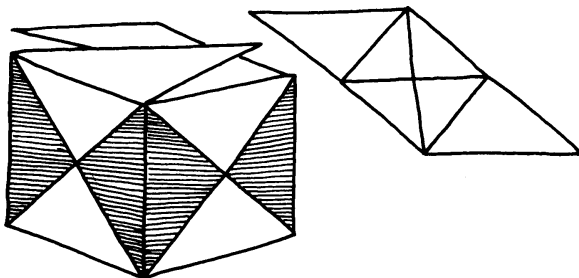
2. Each parallelogram can be viewed as having a square in the middle and two triangular flaps on the ends. Fold the triangular flaps of all the parallelograms towards the plain side, such that the pocket face is an exact square. Now all these 6 folded parallelograms - with square facets and triangular flaps will be assembled into a regular cube. There will totally be 24 pockets and 12 flaps.



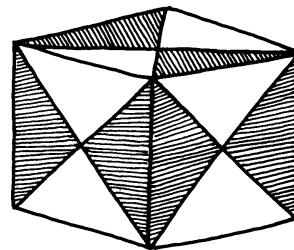
3. Start with two parallelograms. Insert one flap of the first into a pocket of the second.



4. Take the third parallelogram and insert both its flaps - one in each of the previous parallelogram pockets. Thus one corner of the cube will be assembled.



5. Continue assembling taking care that all the flaps will come over the square facets and get inserted in the pockets.



6. No flap will be inside the cube. No glue is required. Coloured cubes can be made using different colours of glazed paper. Small and stiff cubes make beautiful dices.