

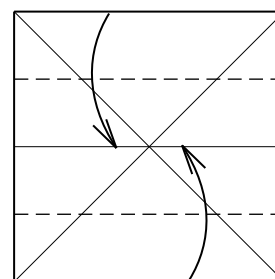
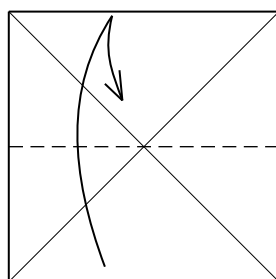
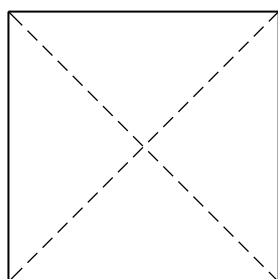
GLUELESS UNIT FOR PUZZLE RING CUBE

VALERIE VANN 24 November 1995

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Use square paper, kami or similar light weight. As the layers make a fairly thick strip, use 6 inch + (3 inch cube). This version has the advantages of maximizing the friction Locking the units together, while making it easier to get at the last joint & reducing layers at the "hinges". Disadvantage - some of the facets are thicker and stiffer than others.

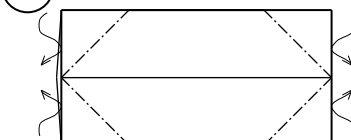
- ① COLOR UP. CREESE DIAGONALS ② WHITE UP. FOLD IN HALF ③ CUPBOARD FOLD (HORIZONTAL 1/4s)



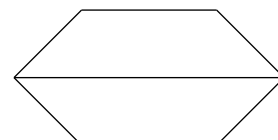
- ④ CREESE CORNERS AT 45 DEGREES



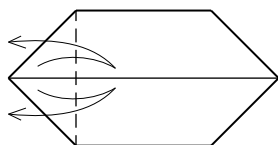
- ⑤ REVERSE INSIDE 4 CORNERS



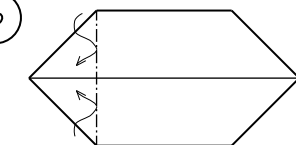
- ⑥ RESULT



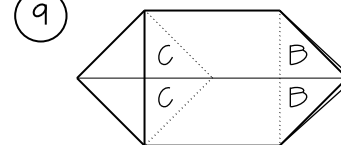
- ⑦ CREESE LEFT TOP LAYERS



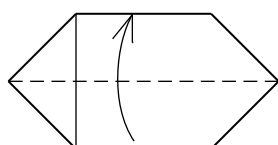
- ⑧ REVERSE INSIDE (INSIDE RABBIT EAR)



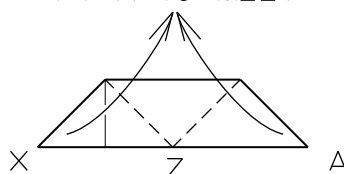
- ⑨ RESULTING FLAPS C AND B



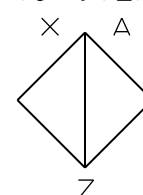
- ⑩ FOLD IN HALF



- ⑪ FOLD PT X AND PT A TO MEET



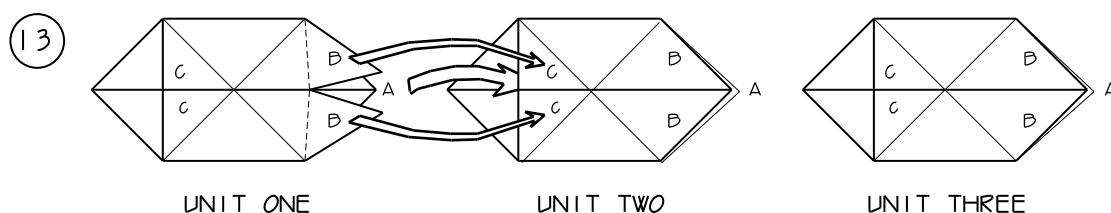
- ⑫ THEN UNFOLD TO STEP 8



GLUELESS UNIT FOR PUZZLE RING CUBE (Continued)

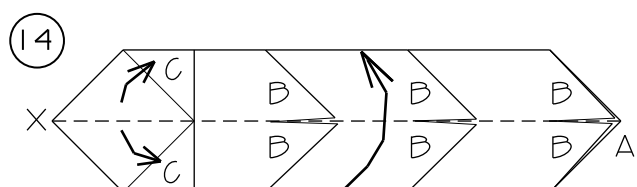
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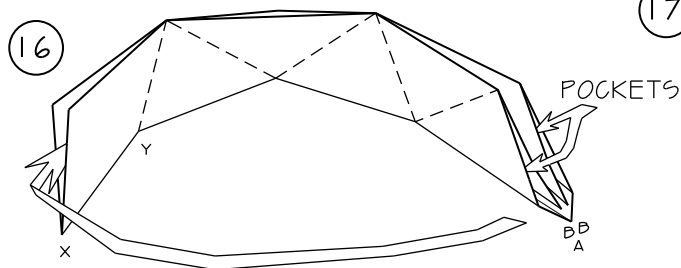
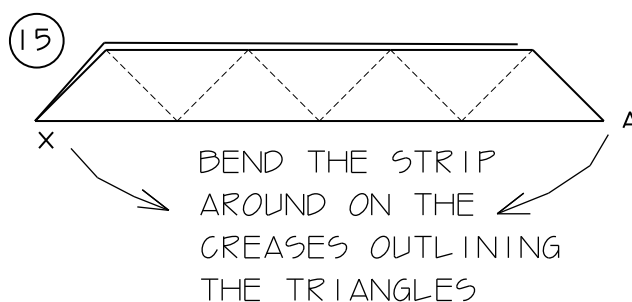


ASSEMBLE THREE UNITS IN A STRIP:

LIFT THE TABS B ON UNIT ONE. INSERT THE LOWER LAYER A OF UNIT ONE UNDER THE FLAPS C OF UNIT TWO WHILE KEEPING THE FLAPS B OF UNIT ONE ON TOP OF THE FLAPS C OF UNIT 2. REPEAT SIMILARLY TO JOIN UNITS TWO AND THREE.

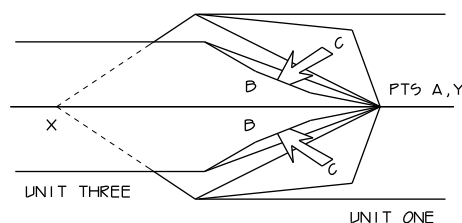


TURN FLAPS C OF UNIT ONE BACK.
FOLD STRIP IN HALF LENGTHWISE.



CLOSE THE RING BY INSERTING
ALL THE LAYERS B-A-B INSIDE OF
END X. PUSH UNTIL A IS AT POINT Y

(17) BIGGER TOP VIEW OF JOIN



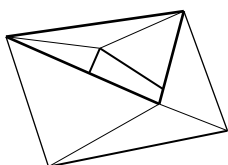
LOCK THE JOINT SIMILAR
TO STEP 10 BY SPREADING
THE LAYERS AND FOLDING
THE FLAPS C DOWN INTO
THE POCKETS BETWEEN THE
OUTSIDE LAYERS OF UNIT ONE
AND THE INSIDE FLAPS B.

VIEWS OF 4-RING PUZZLE RING CUBE

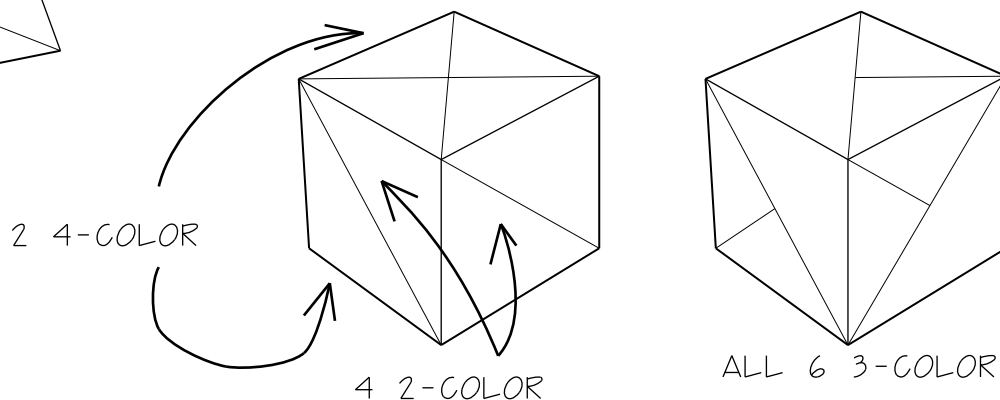
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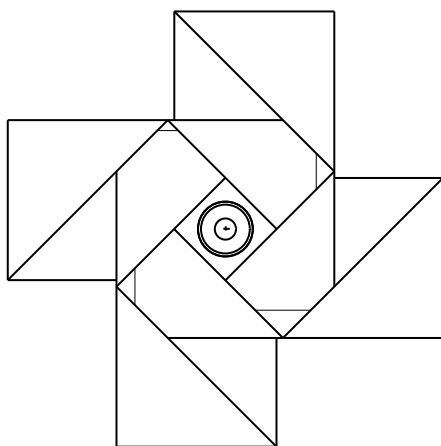
⑱ A COMPLETED RING



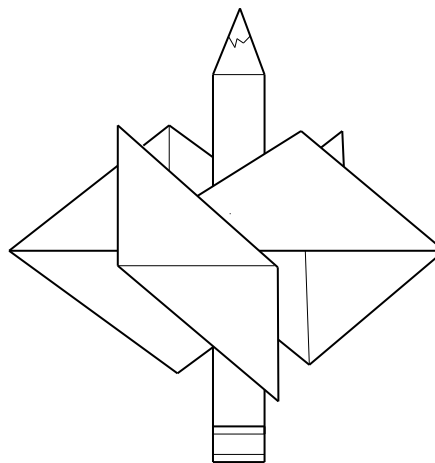
⑲ 2 SOLUTIONS TO 4-RING PUZZLE



⑳ TWO VIEWS OF 4-RING PUZZLE WITH A PENCIL THROUGH THE AXIS OF THE ENTWINED RINGS



TOP VIEW



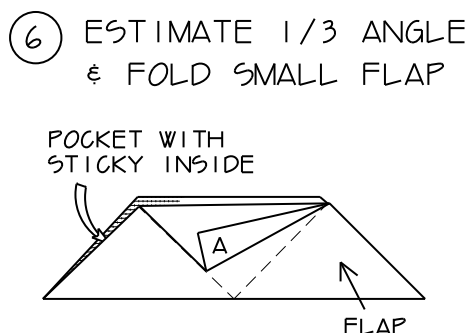
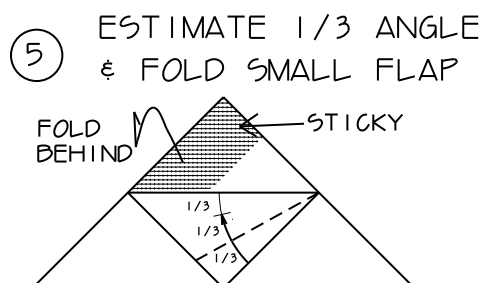
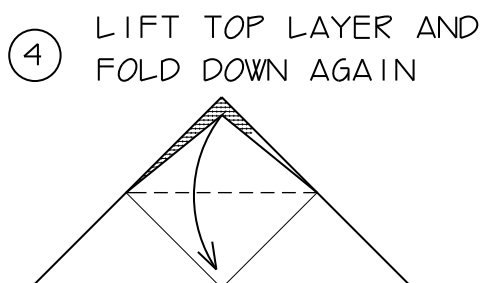
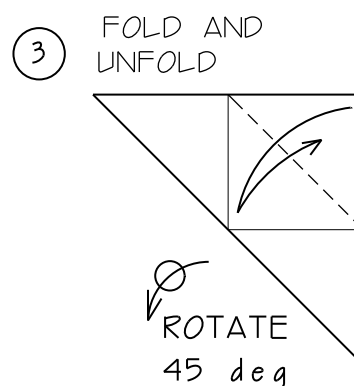
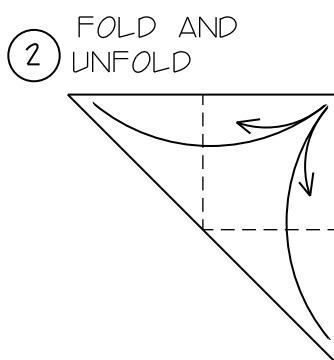
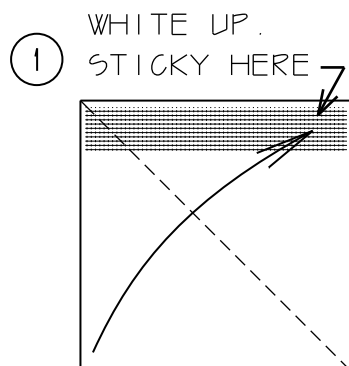
FRONT VIEW

TRIANGULAR DISH from POST-IT RING UNITS

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Use square Post-Its (tm). The 3 inch neon colors work well. You can use regular origami, giftwrap or bond paper but the bottom will have to be glued to be secure. Make 3 units. The fold in Step ____ is a "judgement fold", but error-tolerant. Just estimate the turned over flap at $1/3$ the angle, or $1/2$ the angle when folded in. WHITE UP mean non-sticky side.



MAKE 3 UNITS. JOIN RING BY INSERTING FLAP INTO POCKET. FOLD INSIDE FLAPS A DOWN TO FORM BOTTOM OF THE DISH. TUCK EACH FLAP UNDER THE ADJACENT ONE. (SEE STEP 7)

