

HEPTAHEXAFLEXAGON VARIATION 4/4 FIRE & WOOD

NOTE: THE NUMBERS NEXT TO THE TRIANGLES INDICATE THE TRIANGLE THAT SHOULD BE ALIGNED AND GLUED TO THE BACK SIDE OF THAT TRIANGLE.

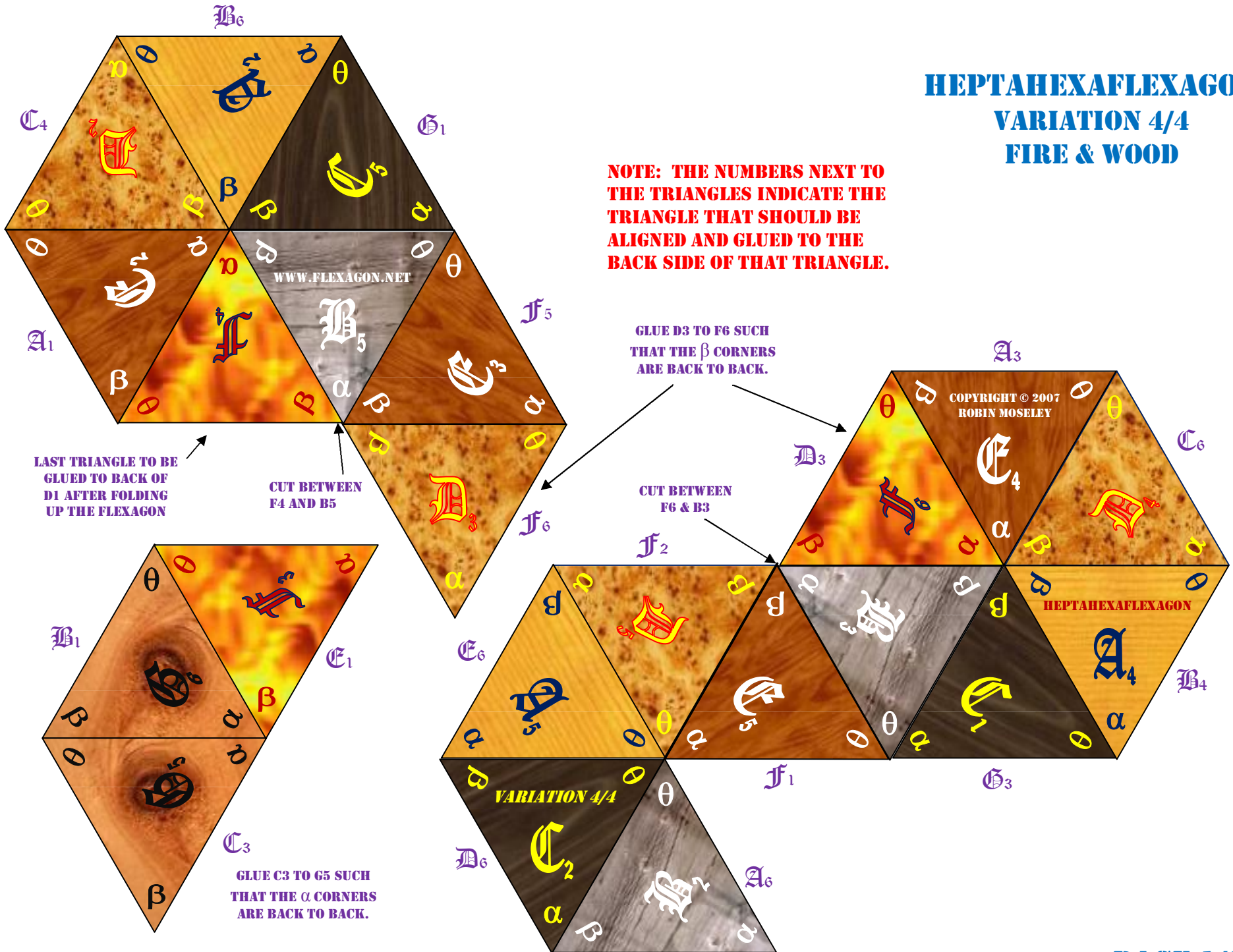
GLUE D3 TO F6 SUCH THAT THE β CORNERS ARE BACK TO BACK.

CUT BETWEEN F6 & B3

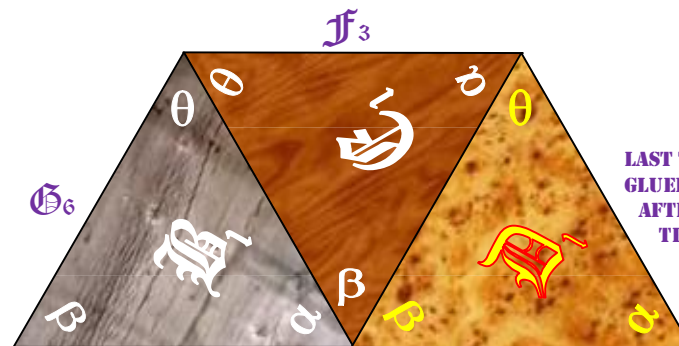
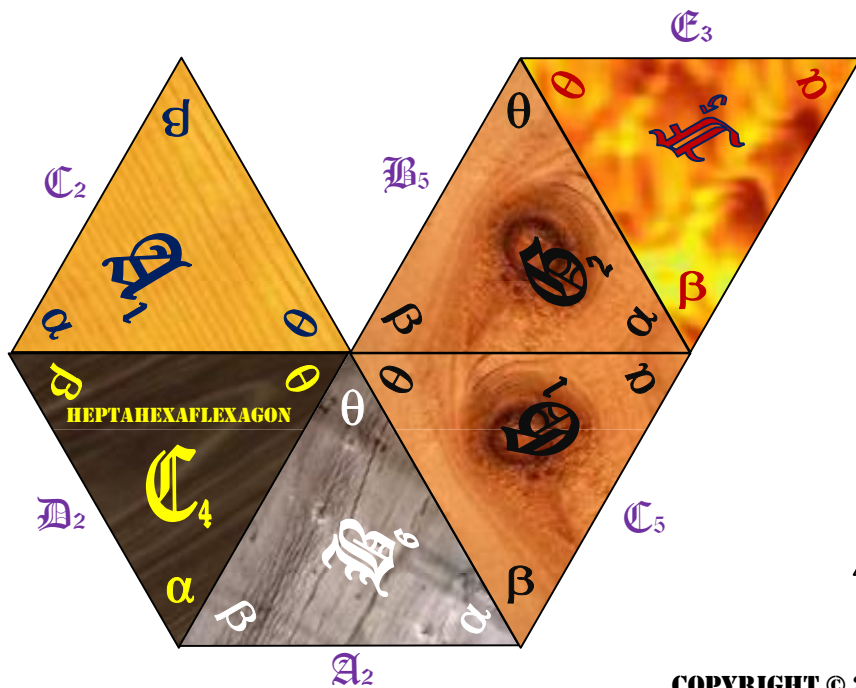
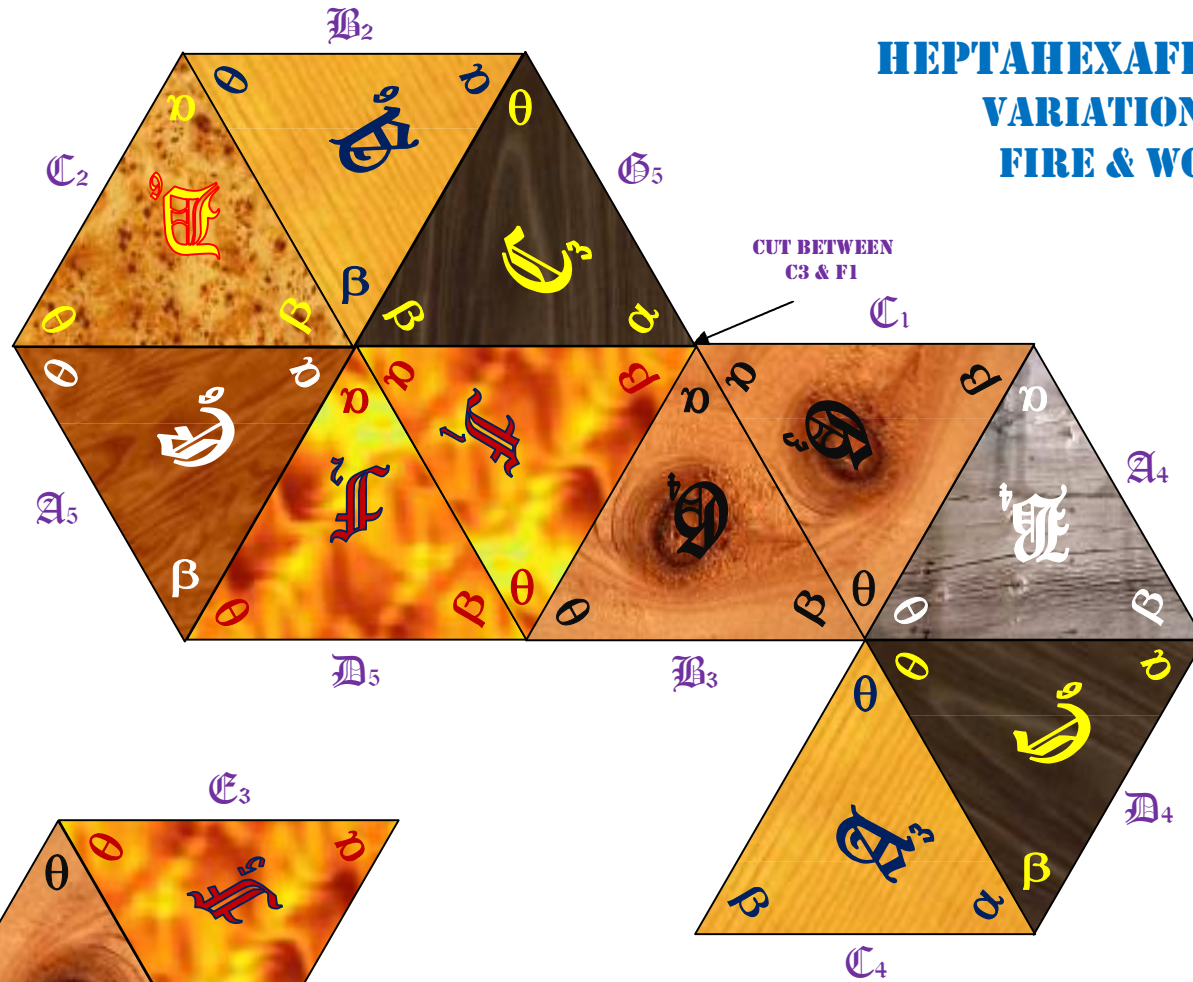
CUT BETWEEN F4 AND B5

LAST TRIANGLE TO BE GLUED TO BACK OF D1 AFTER FOLDING UP THE FLEXAGON

GLUE C3 TO G5 SUCH THAT THE α CORNERS ARE BACK TO BACK.



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Crease all triangles before and after gluing. Align the front and back pieces so that the triangles line up as indicated in the above drawings using the indicated notation above to determine front and back triangles. Once glued, crease all the lines back and forth again. Trim off any imperfections with sharp scissors. Now fold as follows:

Fold all pairs of G triangles. Fold together; F5-F6, F1-F2. Now fold all three pairs of B triangles, B1-B2, B3-B4, B5-B6. Now fold; E5-E6, E3-E4, C2-C3, C4-C5, C1-C6. Place E1 face to face with E2 and then F4 face to face with F3. Now glue the back of F4 to the back of D1. The As will be on one face and Ds on the other. Adjust all the triangles during initial folding to be exactly on top of each other.

Note if you start with the E face on top and F on the bottom, you can flex 5 times before switching corners.



**TUCKERMAN DIAGRAM OF FLEXES - TOP/BOTTOM
VARIATION 4/4**

