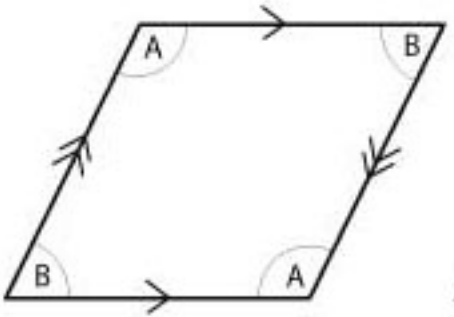
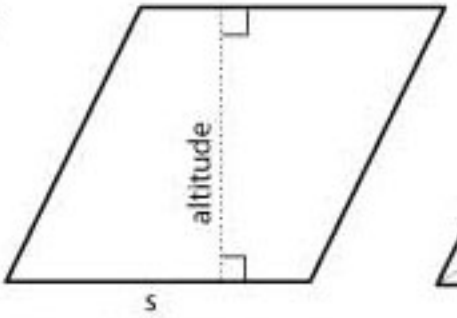
Rombus

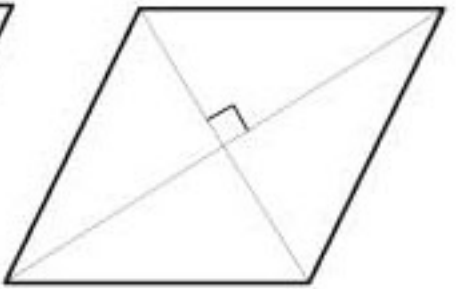
A Rhombus is a flat shape with 4 equal straight sides that looks like a diamond. The name comes from the Greek word rhombos: a piece of wood whirled on a string to make a roaring noise.



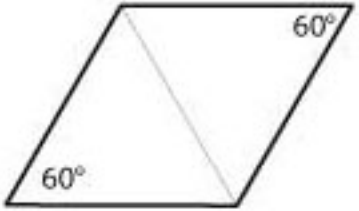
Opposite sides are parallel, and opposite angles are equal.

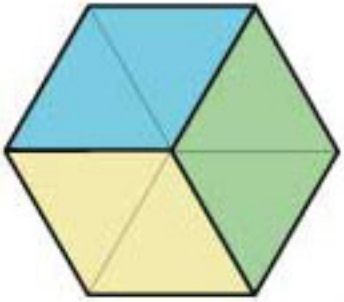


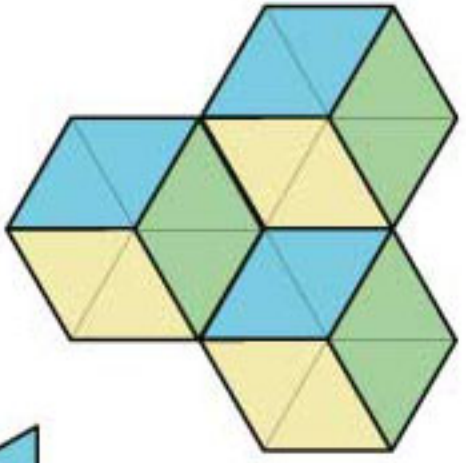
The altitude is the right angle distance between opposite sides.

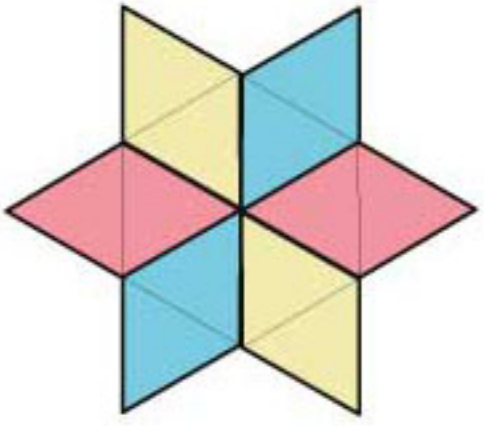


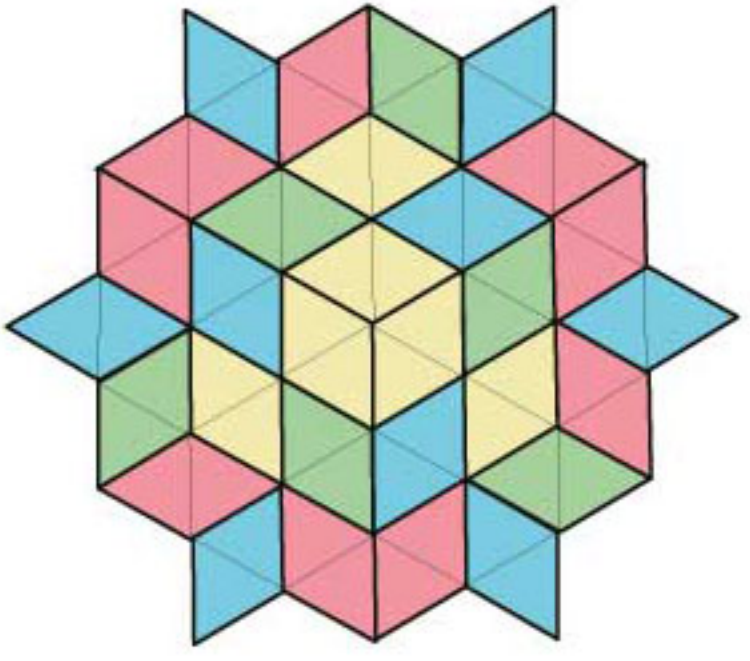
The diagonals of a rhombus bisect each other at right angles.



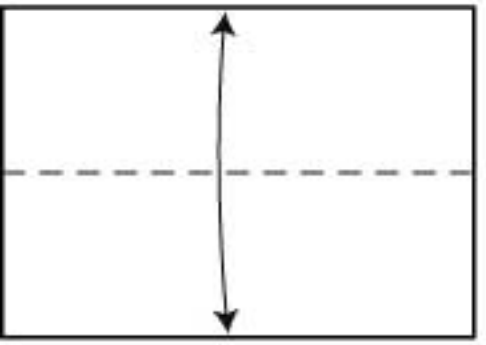








Dividing A4 into thirds



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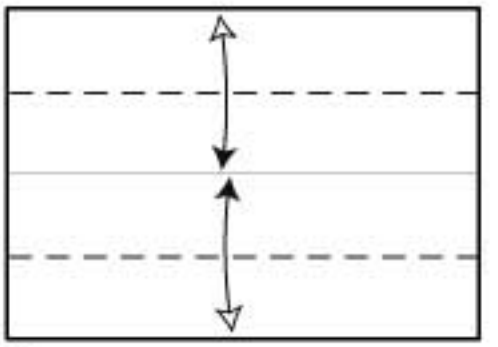

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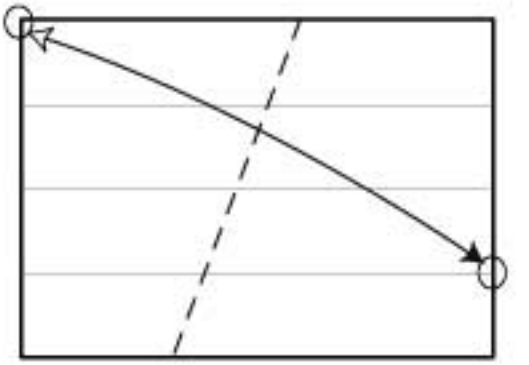

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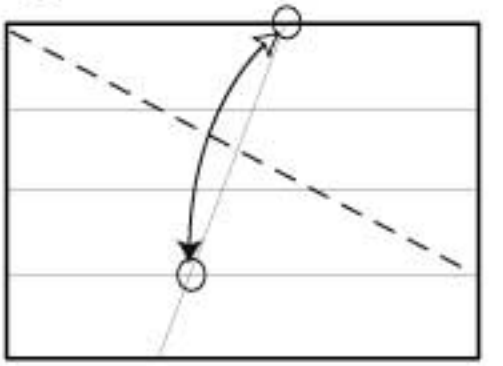

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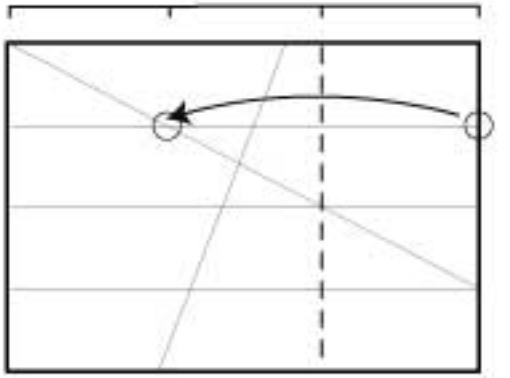

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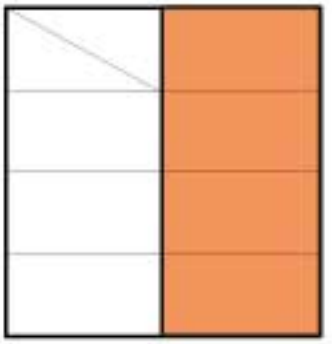
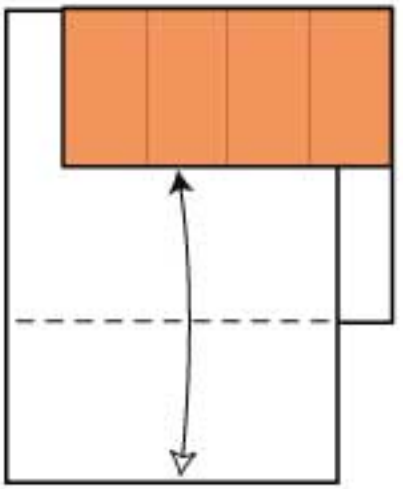
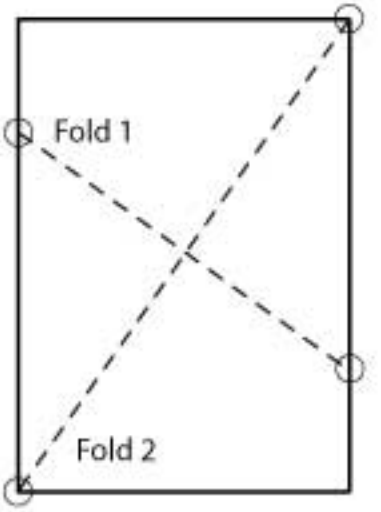


6 This is your template.

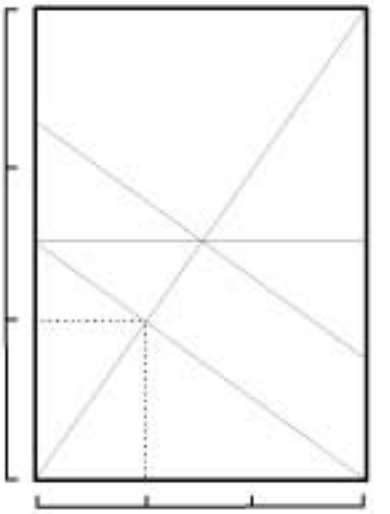


7 Use the template with a clean sheet.

Here's another way to divide into thirds.



1



2

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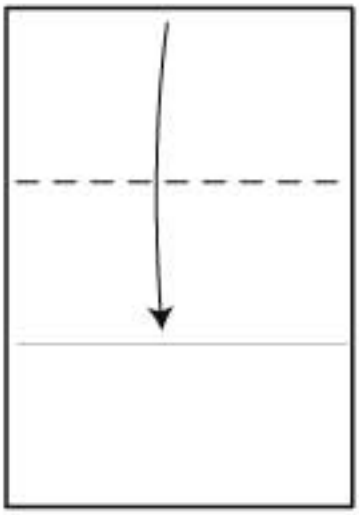
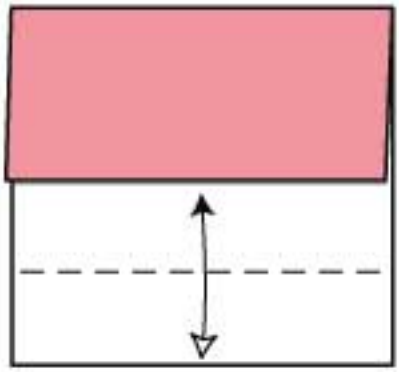
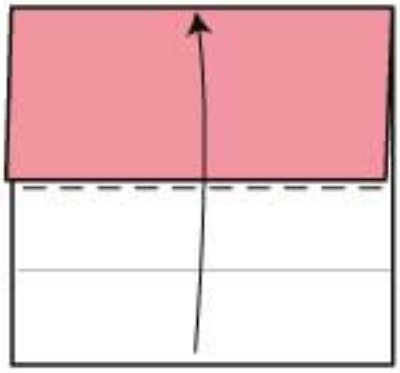
Rhombic Envelope



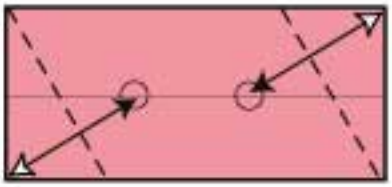
1) Divide an A4 into thirds & fold the top section down.



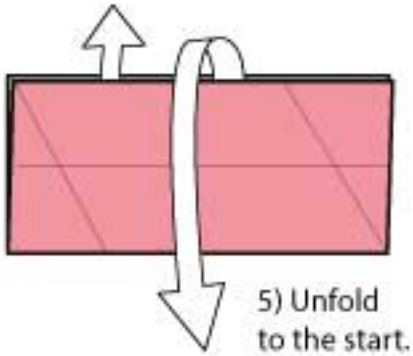
2) Crease and unfold.



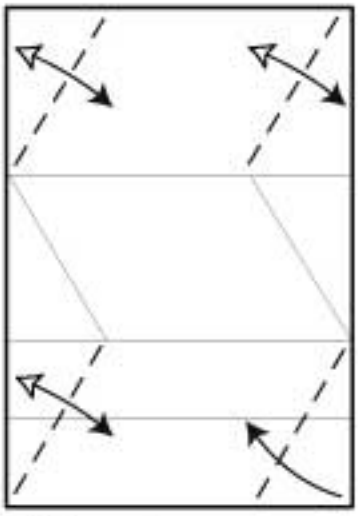
3) Fold up the white flap.



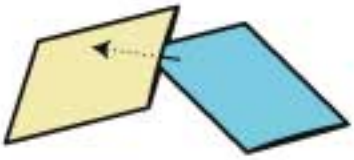
4) Fold so corners lie on the centre crease, then unfold.

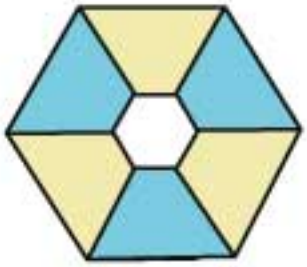


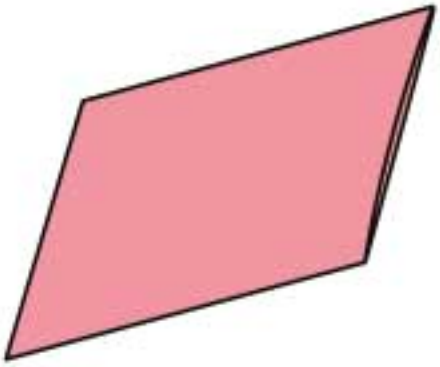
5) Unfold to the start.

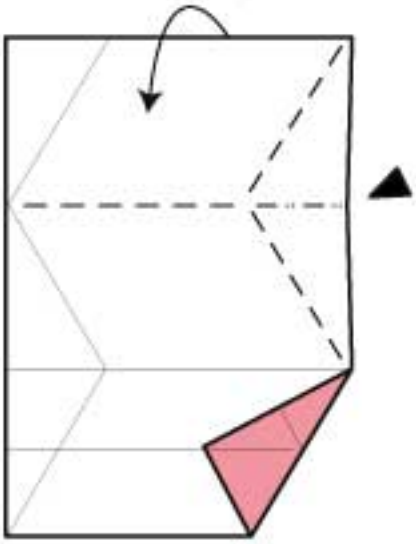


6) Change these creases to valley.

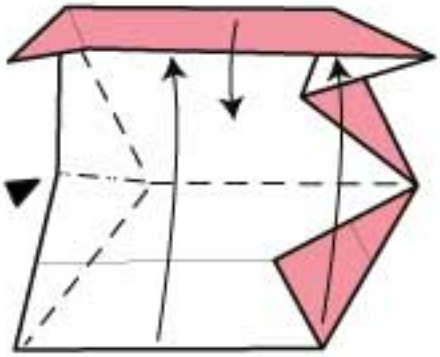




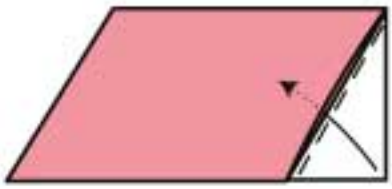




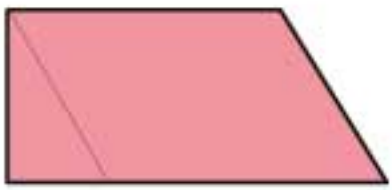
7) Partially form these creases.



8) Make the same folds, tucking the lower right corner above the white flap.



10) Tuck the flap into a pocket.



9) The result, turn over.

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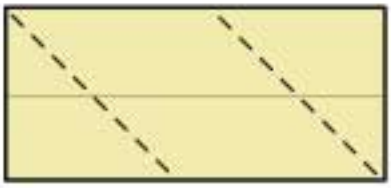
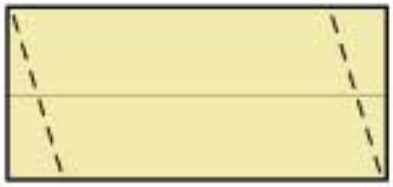
Extending the envelope

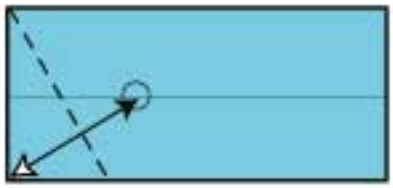
Like any origami design, you can experiment with angles and distances to develop new ideas.



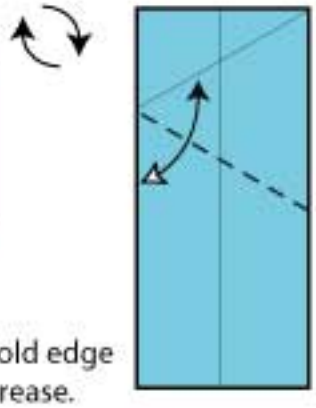
Try folding at 45 degrees...



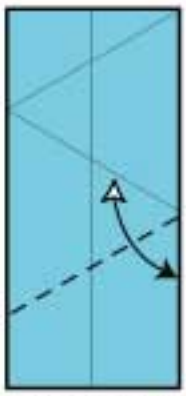
Try folding at a narrow angle...



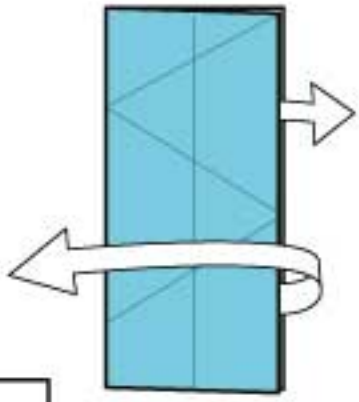
1) Fold the initial crease as before. Rotate the paper.



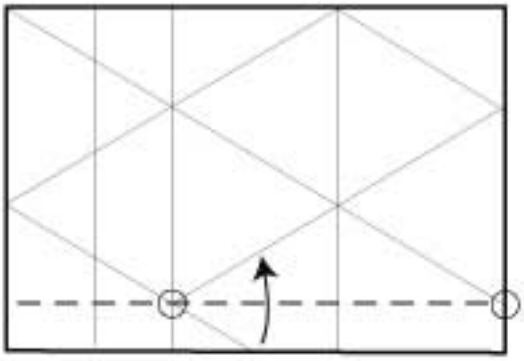
2) Fold edge to crease.



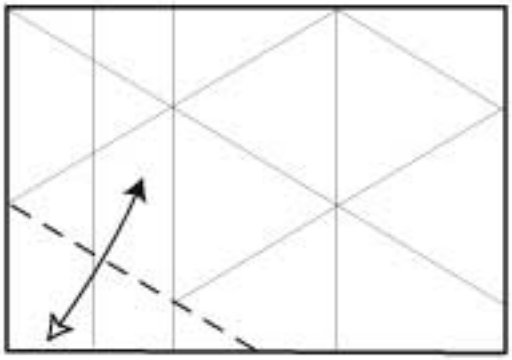
3) Extend the pattern



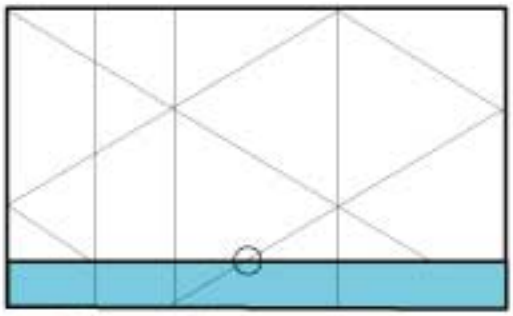
4) Unfold



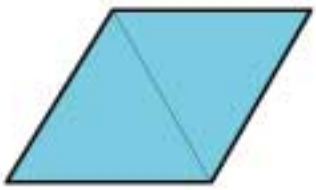
6) Fold over between the circled points (see next step).



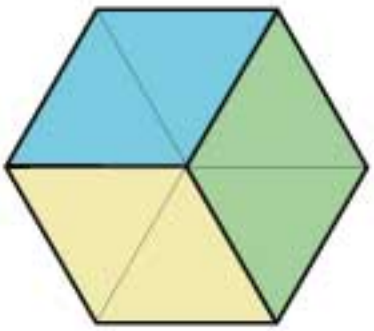
5) Extend this crease.



7) Fold as with the Rhombic Envelope.



8) This sequence produces two equilateral triangles.



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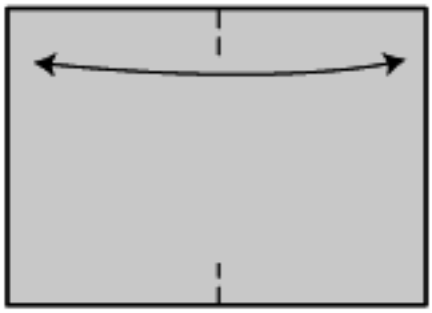
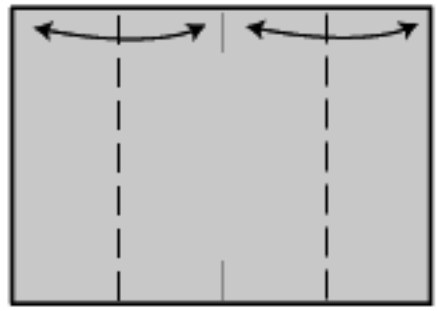
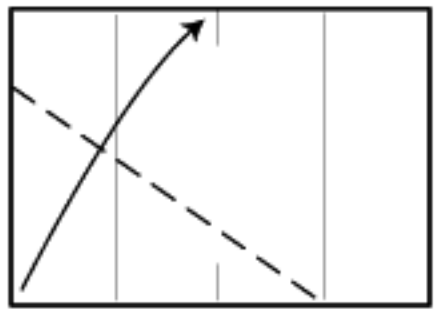
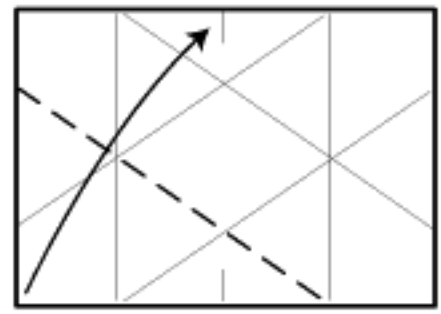
A4 rhombic Unit

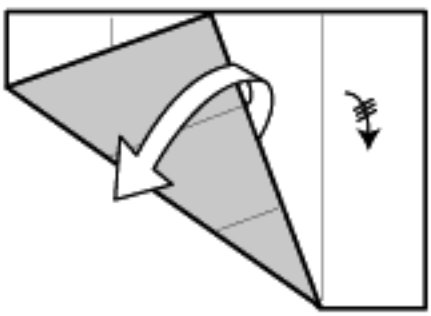
c Nick Robinson

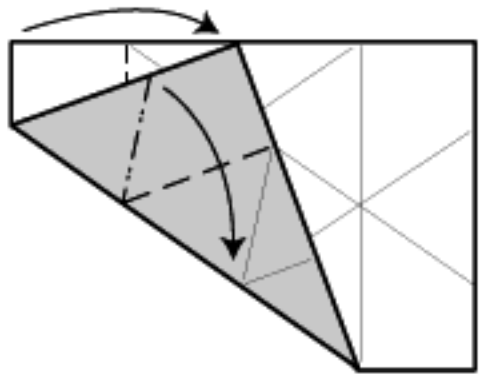


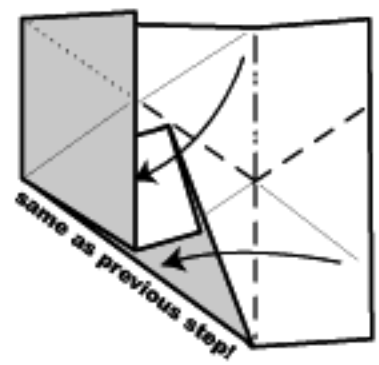


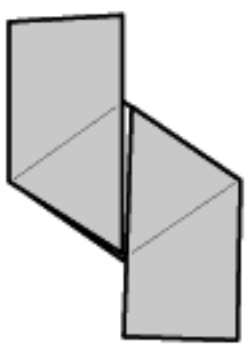


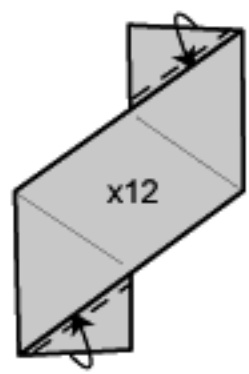


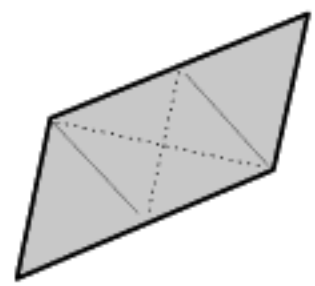


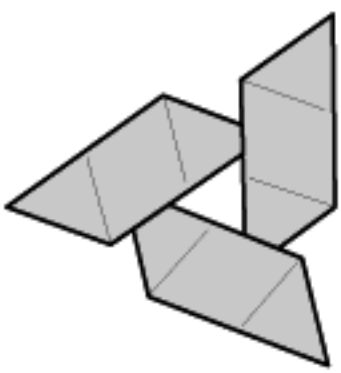


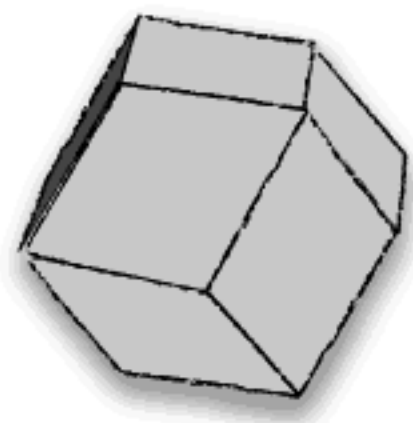








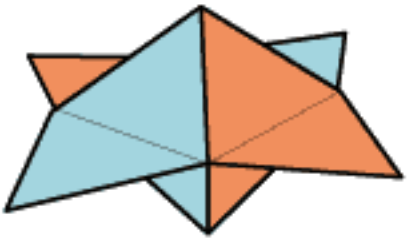




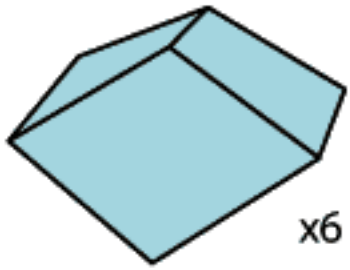
Many combinations are possible adding either or both diagonal creases.

A4 rhombic Unit

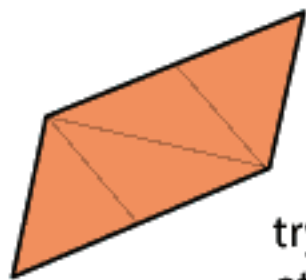
other possibilities



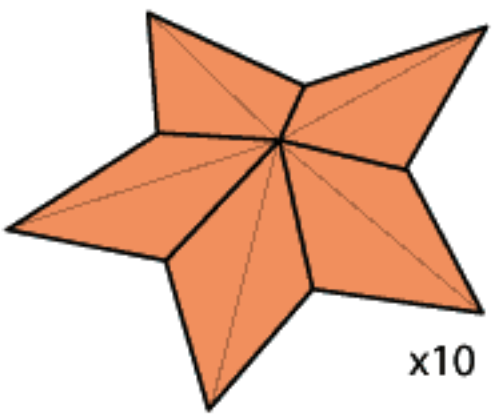
x8



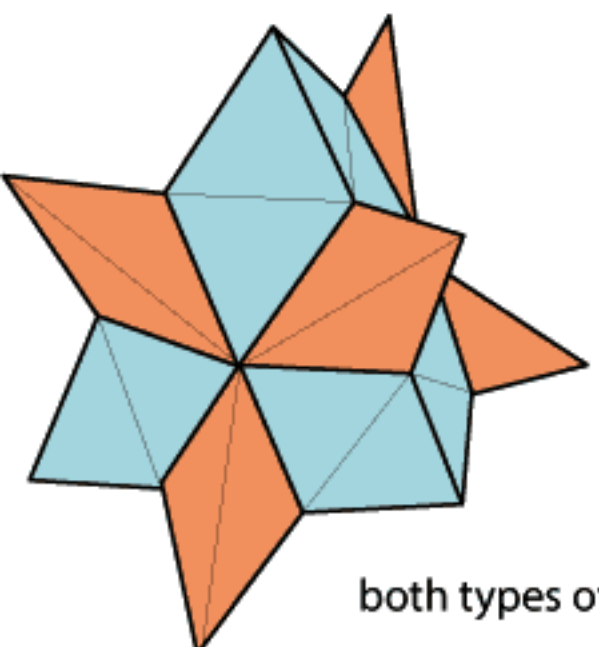
x6



try adding the other diagonal!



x10



both types of unit