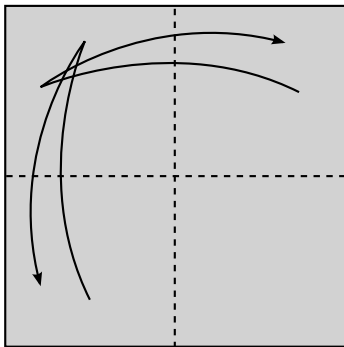
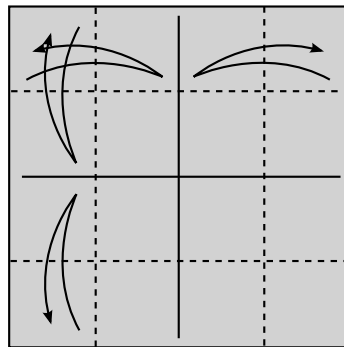


# Gaudi Cube and Variation

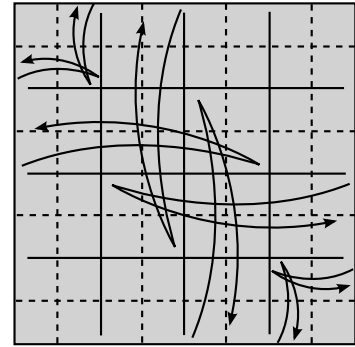
Design/Diagram (c) Andrew Hudson, 2009



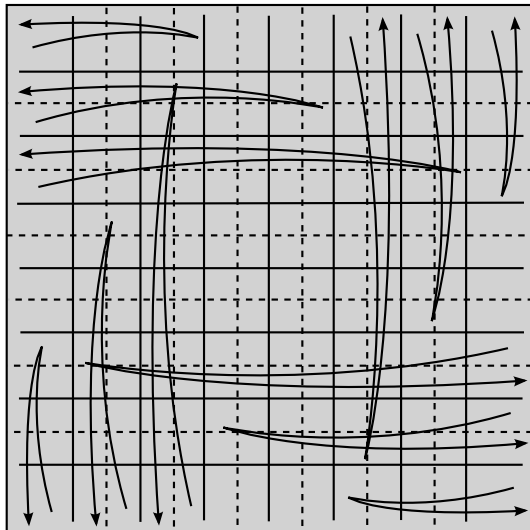
1.



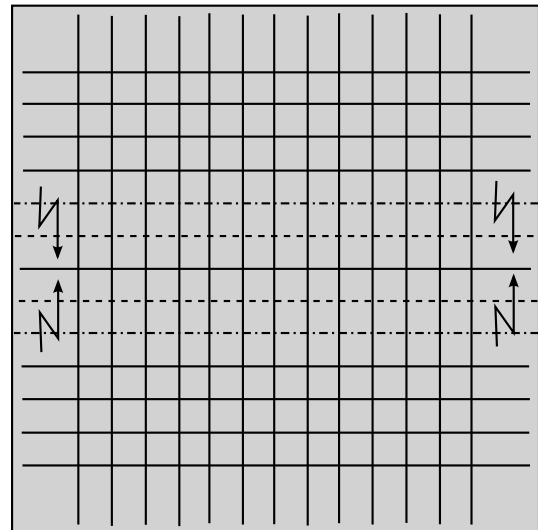
2.



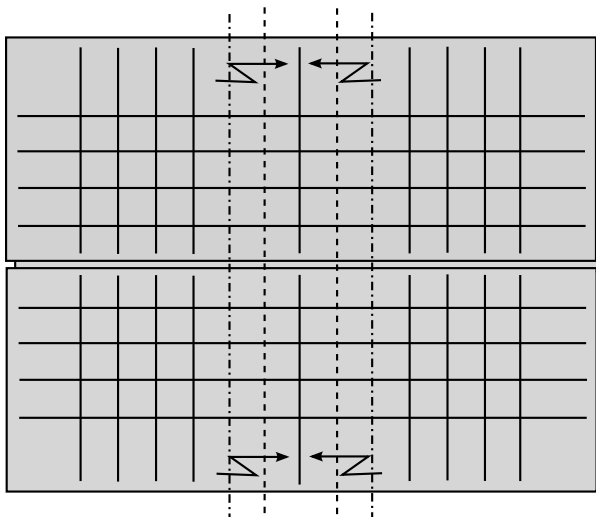
3.



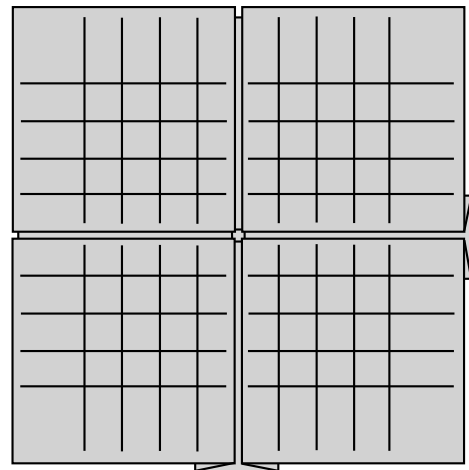
4.



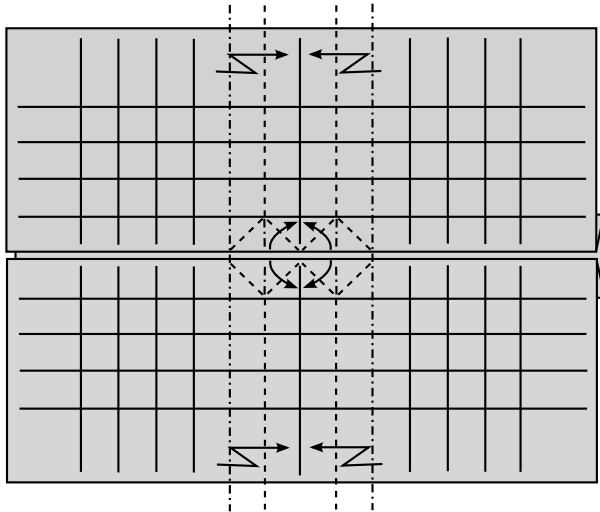
5.



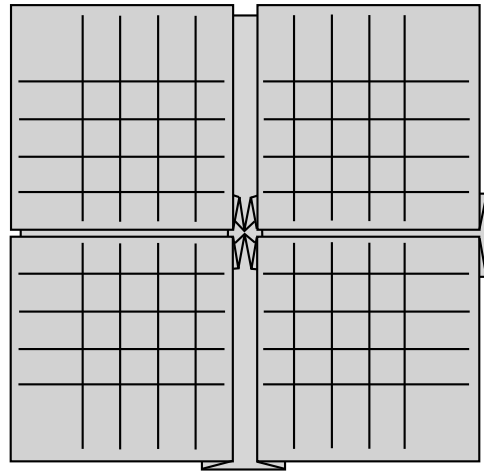
6.



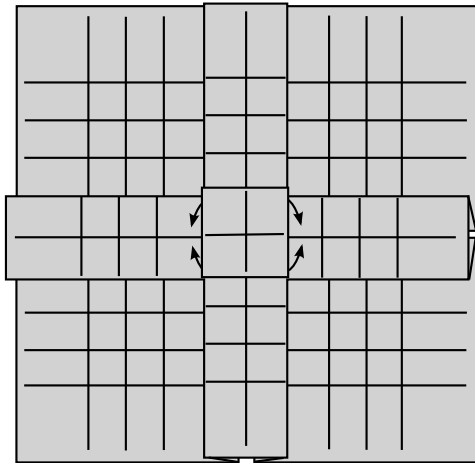
7. Unfold to step 6.



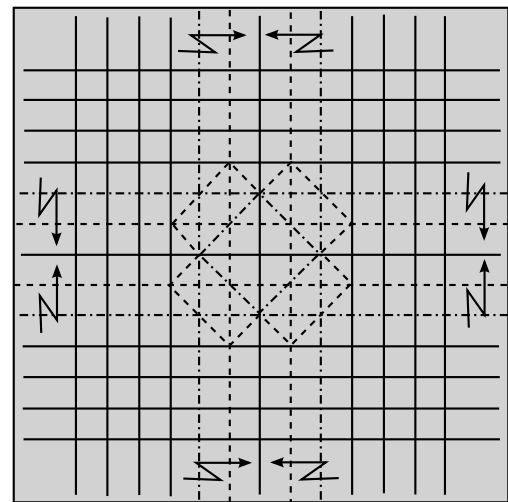
8. Incorporate four reverse-folds.



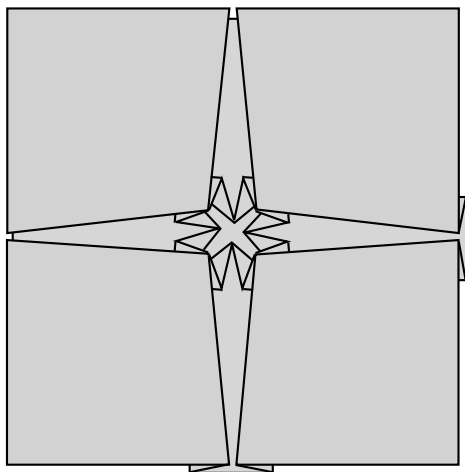
9. Turn over.



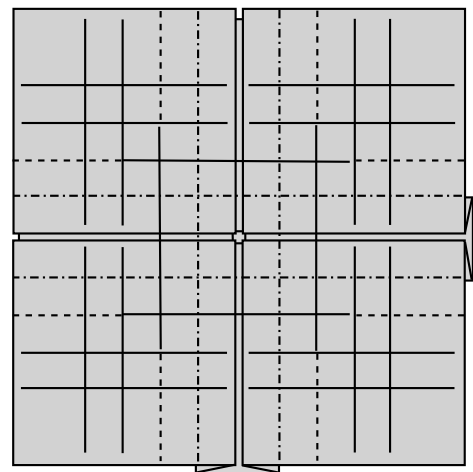
10. Make four more reverse-folds,  
then unfold all the way.  
Turn back over.



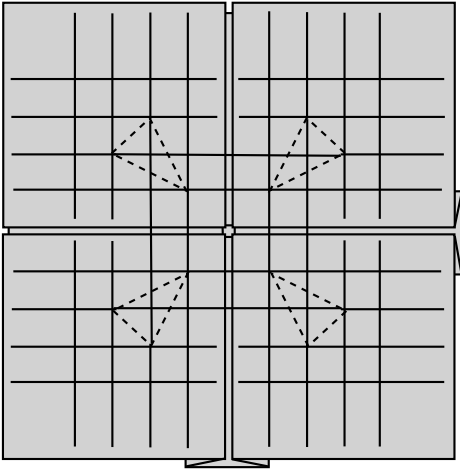
11. Collapse along existing creases.



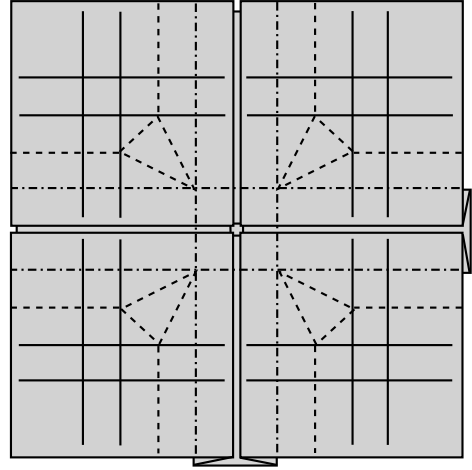
12. Collapse in progress.



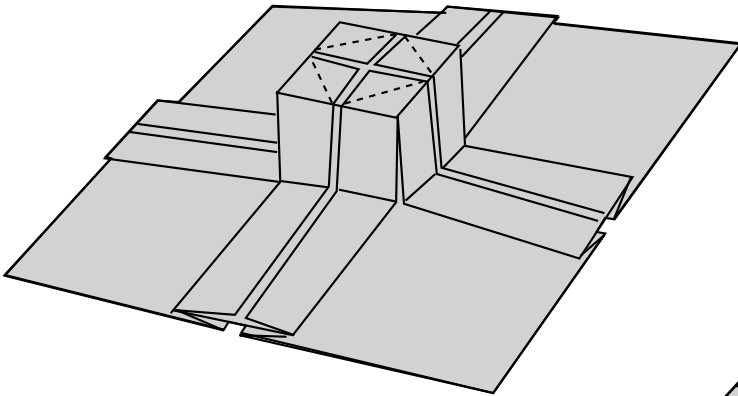
11. Precrease.



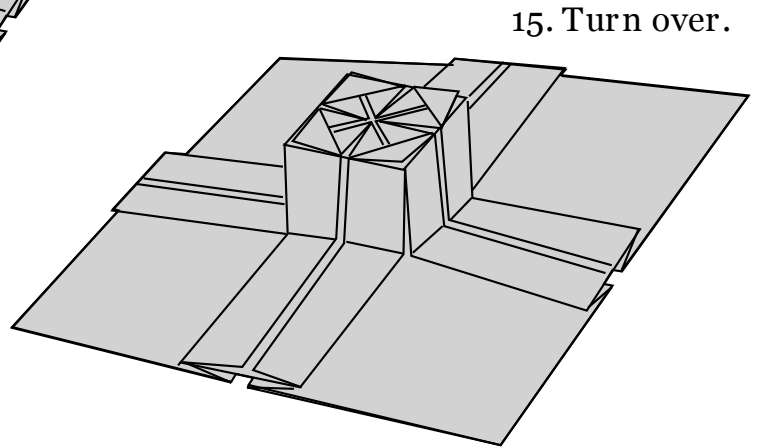
12. Precrease.



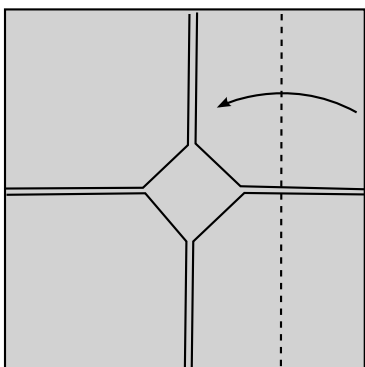
13. Collapse along existing creases.



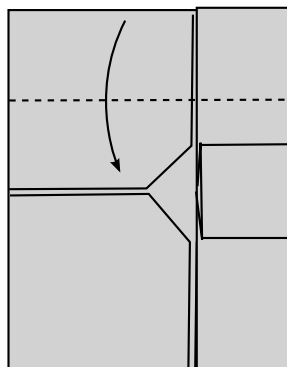
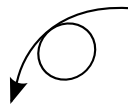
14. Fold flaps outward.



15. Turn over.

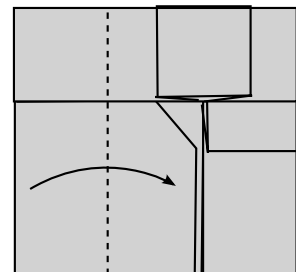


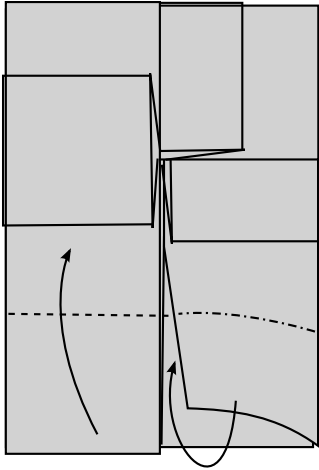
16.



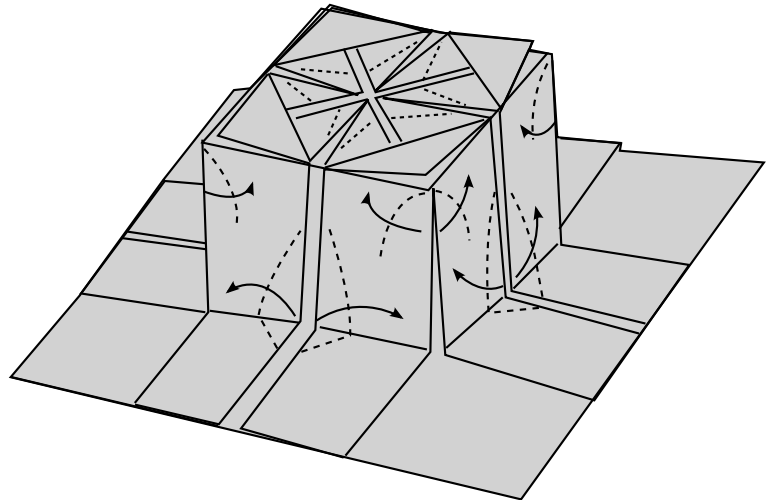
17.

18.



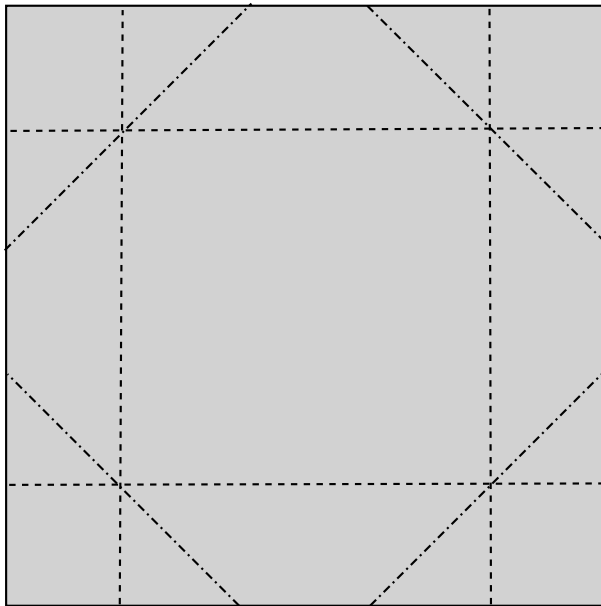


19. Reverse-fold.

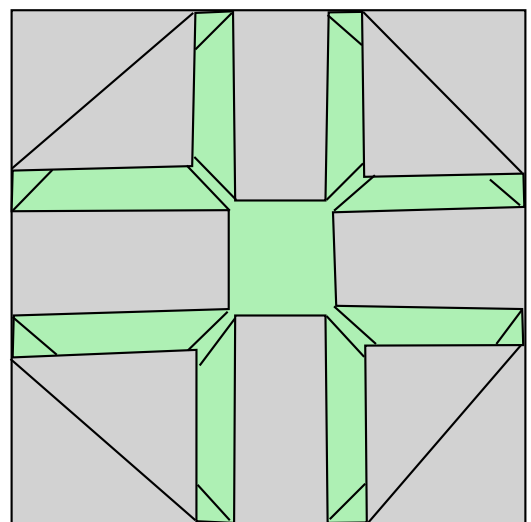
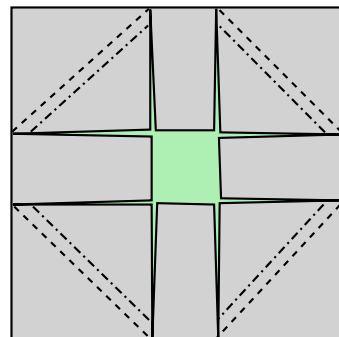


20. Shape as much as the paper allows.

For the color-changed variation:



$\frac{3}{28}$     $\frac{3}{28}$     $\frac{4}{28}$     $\frac{3}{28}$     $\frac{3}{28}$



$\frac{5}{16}$     $\frac{1}{16}$     $\frac{4}{16}$     $\frac{1}{16}$     $\frac{5}{16}$

Start out with a division into 28ths.  
Collapse as indicated, then proceed  
from step 5 as if the construction  
on the left were a single-ply sheet.