

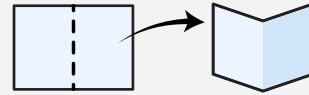
Mimic

MARK GILLESPIE (2018)

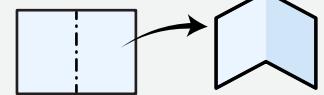
Based on Jon Moran's
Treasure Chest

NOTATION

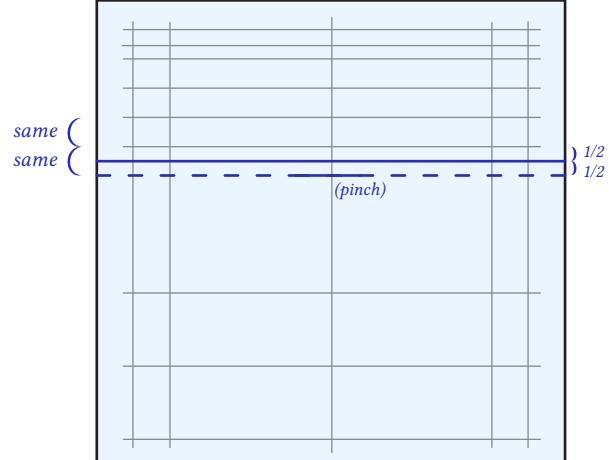
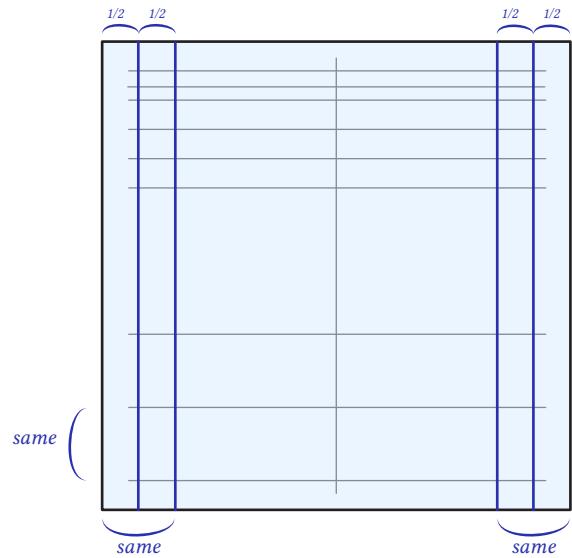
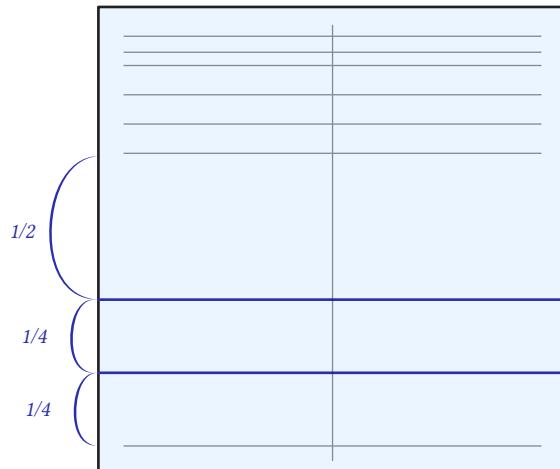
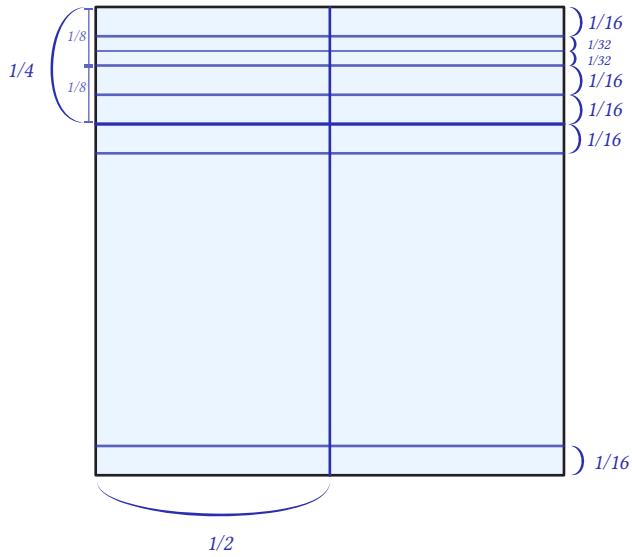
- Colored side
- Light side

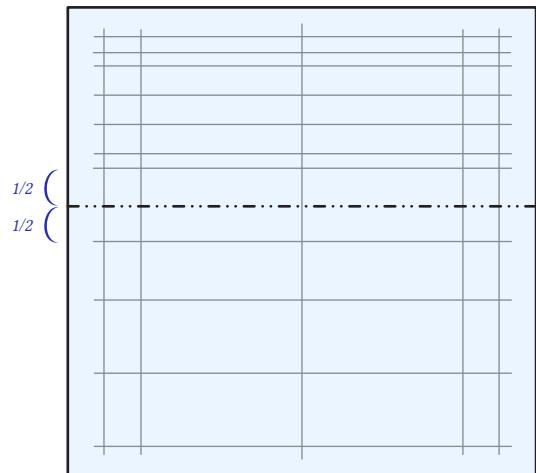
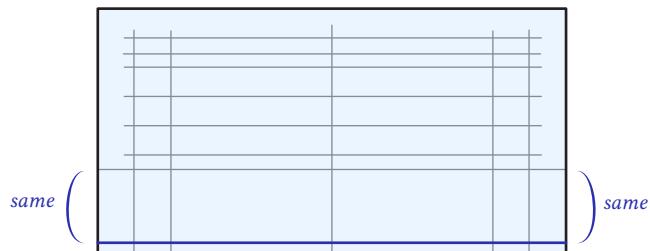


Valley fold

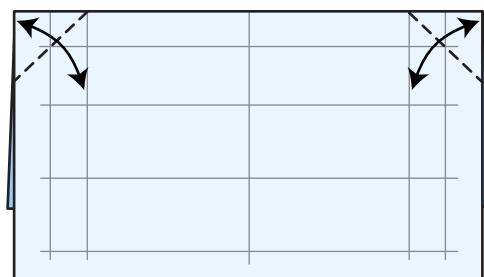


Mountain fold

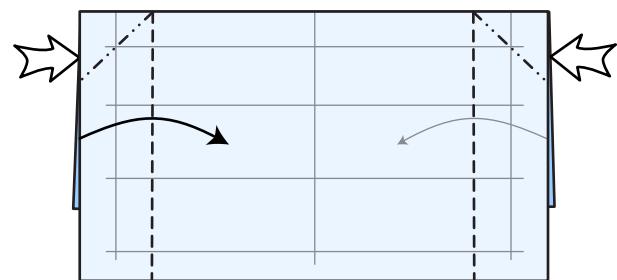




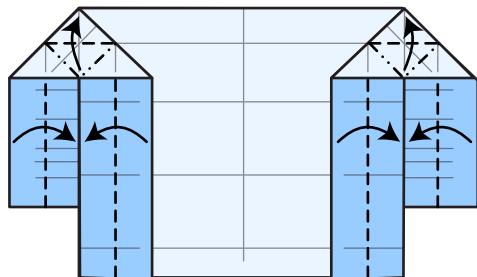
$\underbrace{\text{same}}$ Almost, but not exactly, $\underbrace{\text{same}}$
half way up the paper



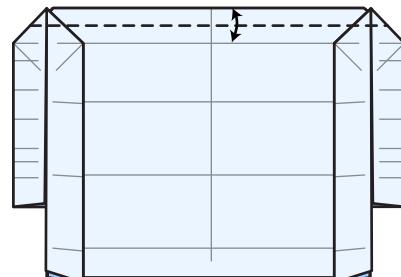
Fold and unfold



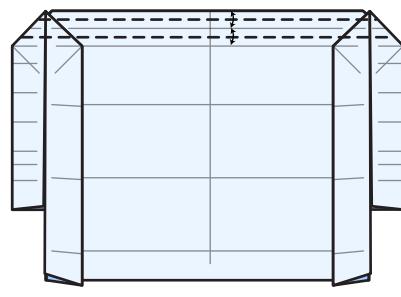
Squash fold



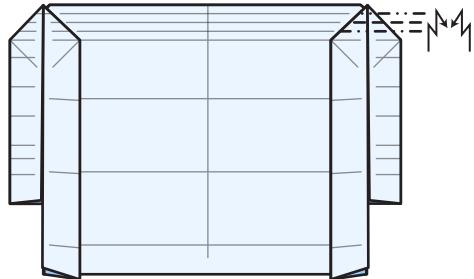
Petal fold



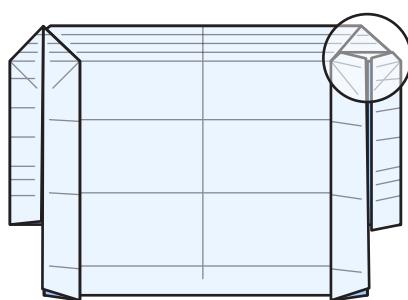
Fold and unfold



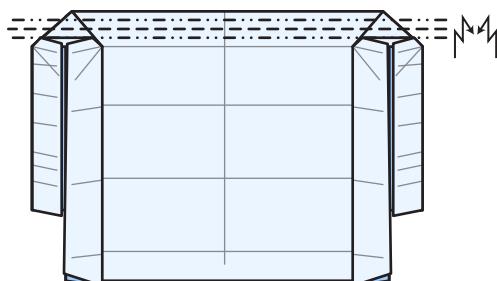
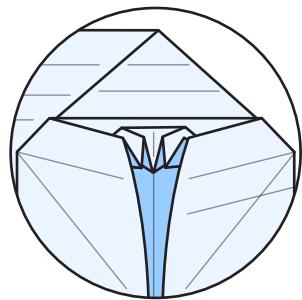
Fold and unfold



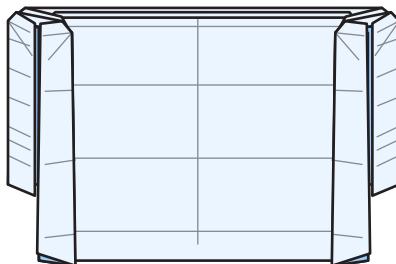
Box pleat



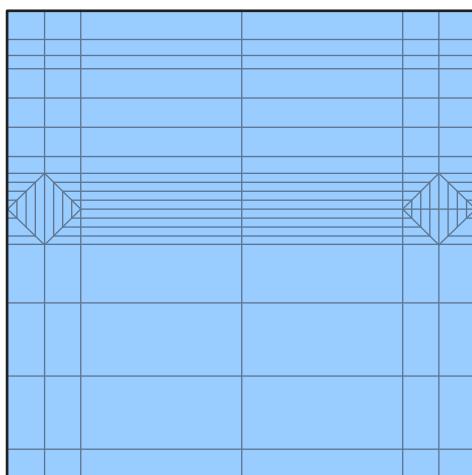
Completed box pleat. Repeat on left



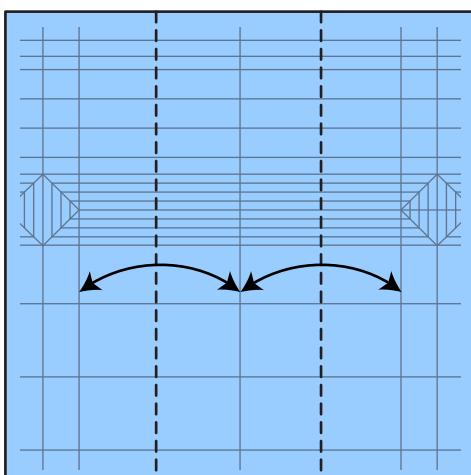
Box pleat



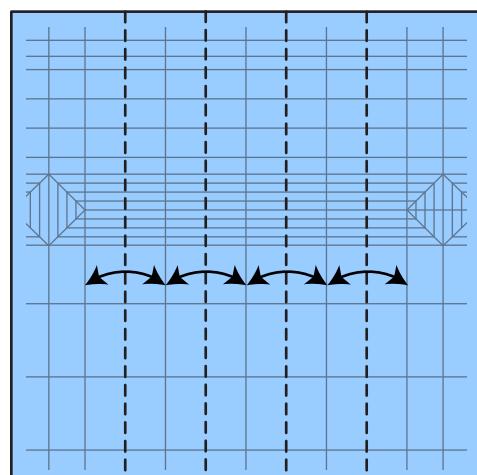
Completed box pleat.
Unfold everything



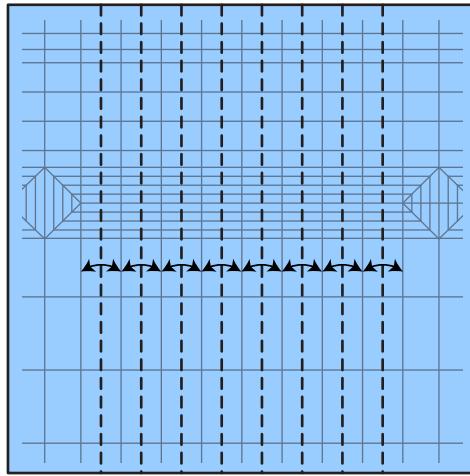
Unfolded model



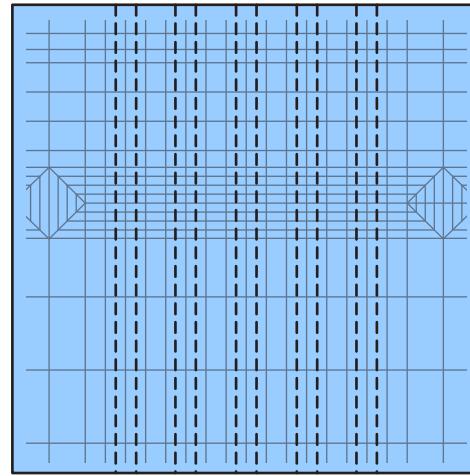
Fold and unfold
(fold is almost, but not quite, sixths)



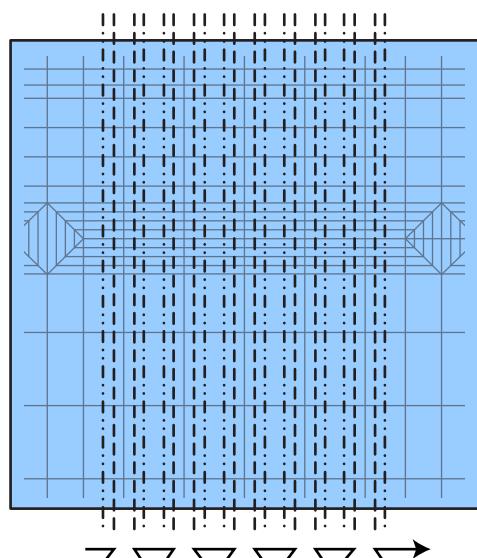
Fold and unfold



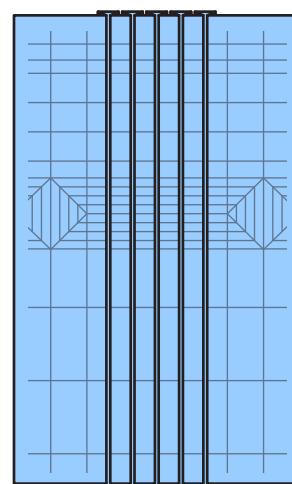
Fold and unfold



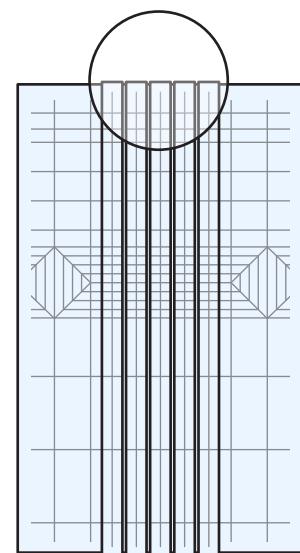
Fold and unfold



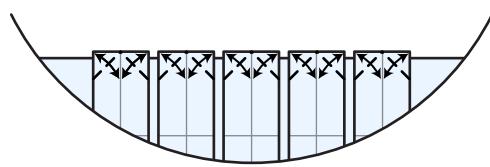
Pleat



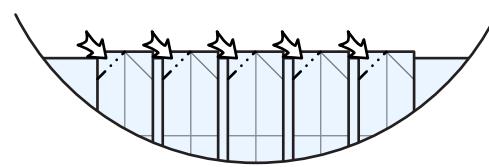
Flip over



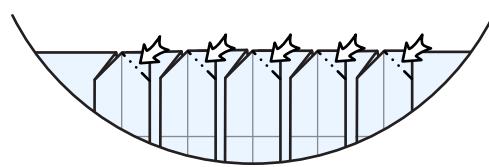
Next step is zoomed in



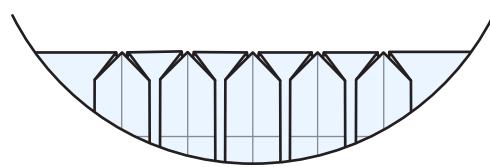
Fold and unfold



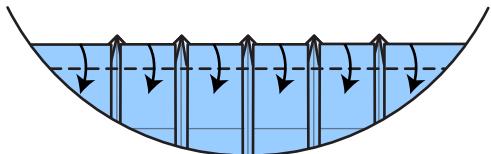
Reverse fold



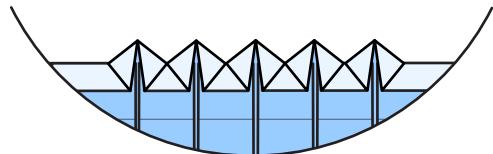
Reverse fold



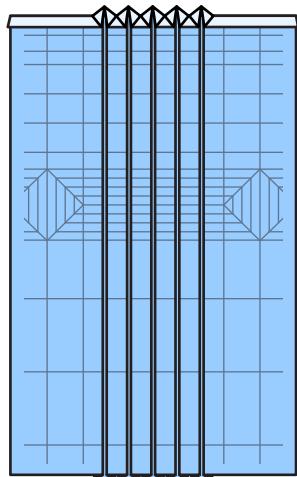
Flip over



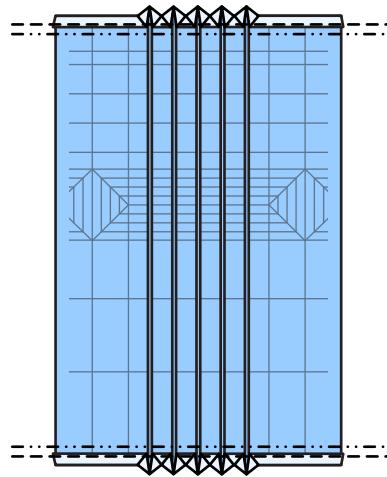
Fold flaps down as far as they will go



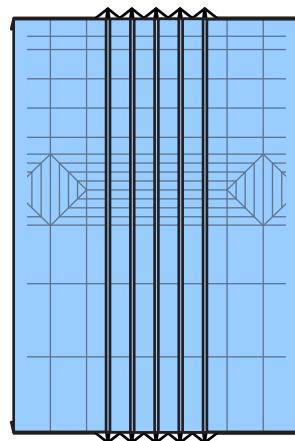
Completed fold



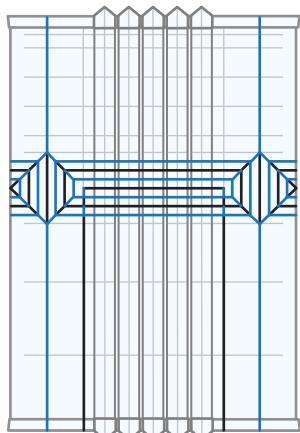
Repeat on bottom



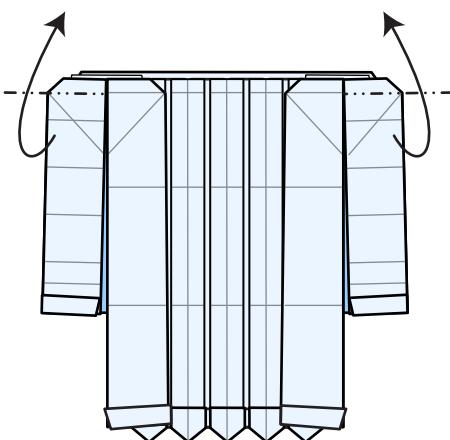
Pleat. The fold will overlap the white flaps slightly



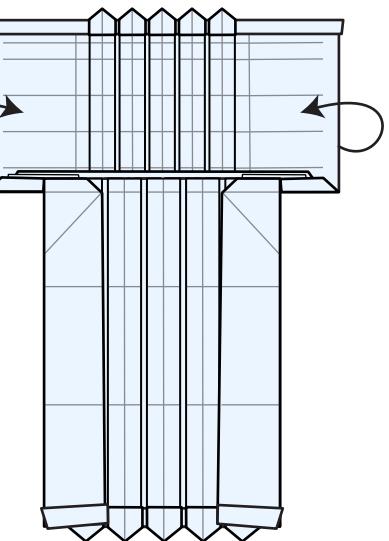
Flip over



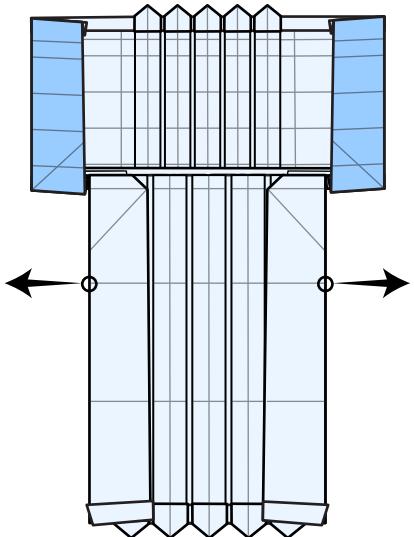
Refold the box pleat we made earlier. For this step, mountain folds are colored blue and valley folds are colored black



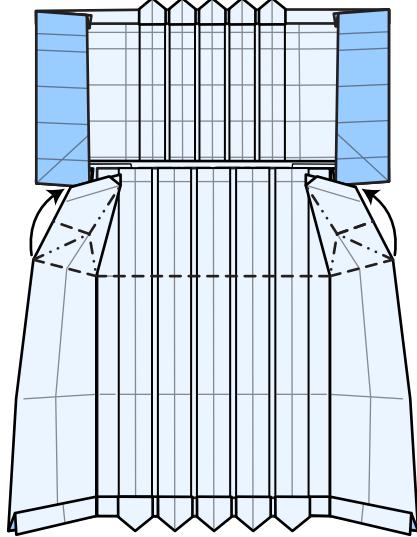
Fold back flap up



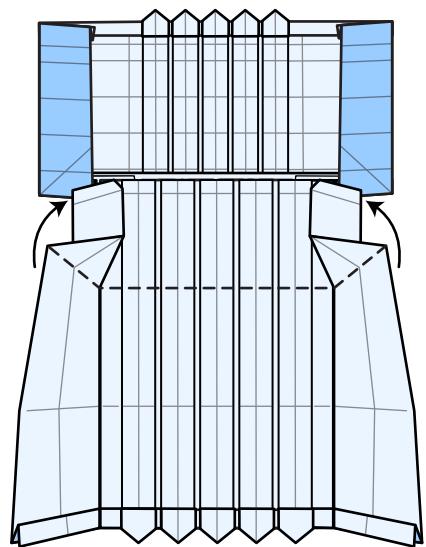
Flip pocket around
(This is tricky and involves some unfolding/refolding)



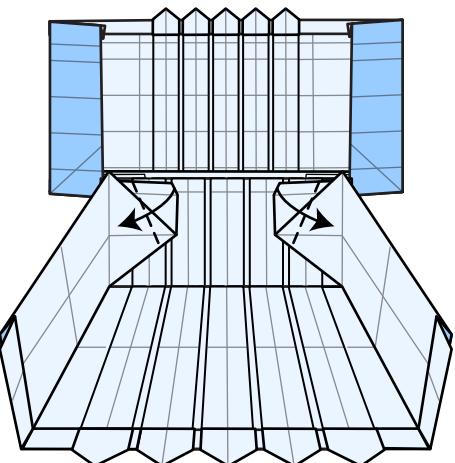
Open up side flaps.
Model will not lie flat



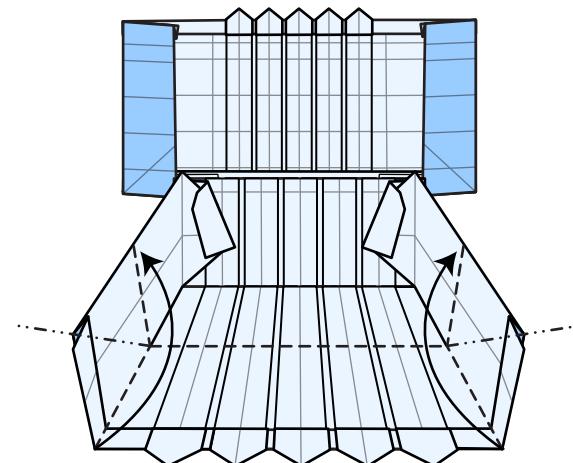
Fold bottom forwards
while making rabbit ear folds
on the sides



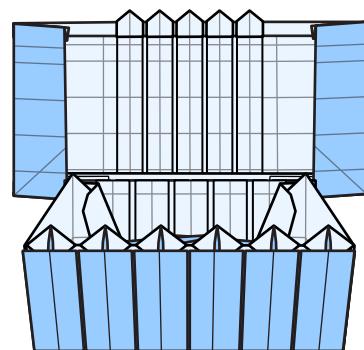
fold in progress



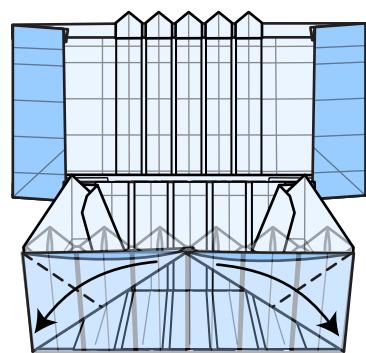
Fold flaps down to lock in crease



Collapse front of box

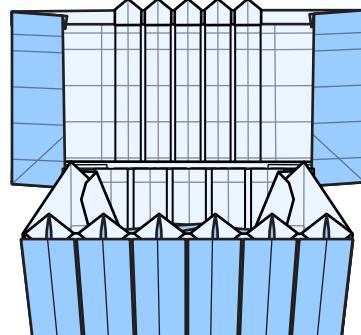


Finished collapse

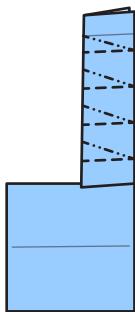


(x-ray view through front)

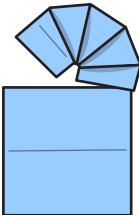
Fold down flaps to
lock in collapse



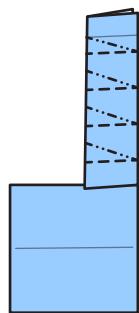
Fold sides of lid forwards to lie
parallel with sides of body.
Next steps will be drawn in
side view



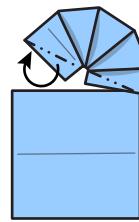
Pleat



Completed pleat.
Note that the segments
form triangles which all
meet at a center point

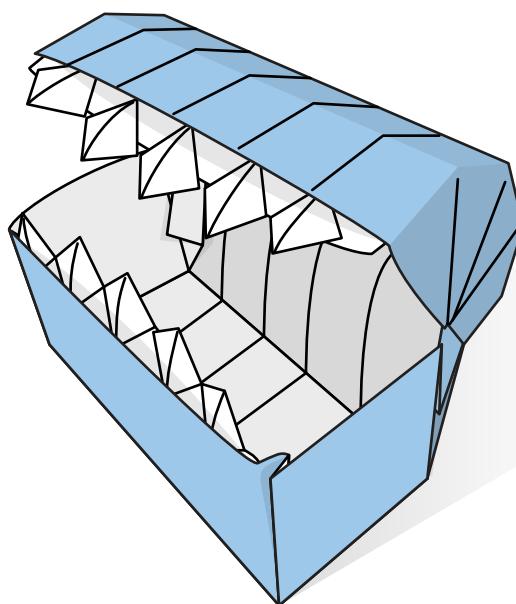


Open up flap slightly to
crimp along the creases
you just made. This crimp
holds the creases in place



Fold in corners
to straighten out
edge of lid

Unfold pleat



Done!