Mimic

Mark Gillespie (2018)

Based on Jon Moran's
Treasure Chest

1/16
1/8
1/32
1/32
1/16
1/16
1/16
1/4
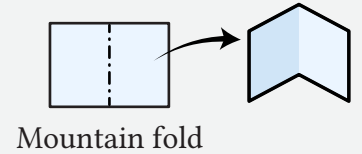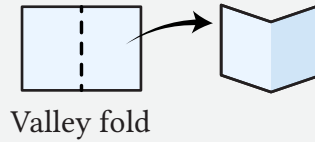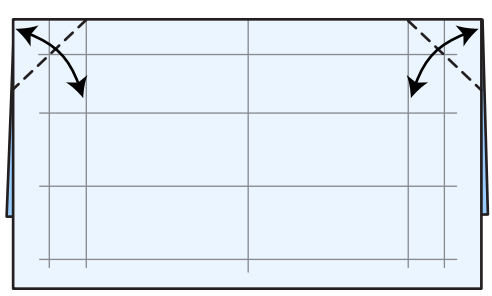1/8
1/16
1/2

1/2
1/4
1/4

1/2 1/2 1/2 1/2
same
same same

same
same
1/2
1/2
(pinch)

1/2

1/2
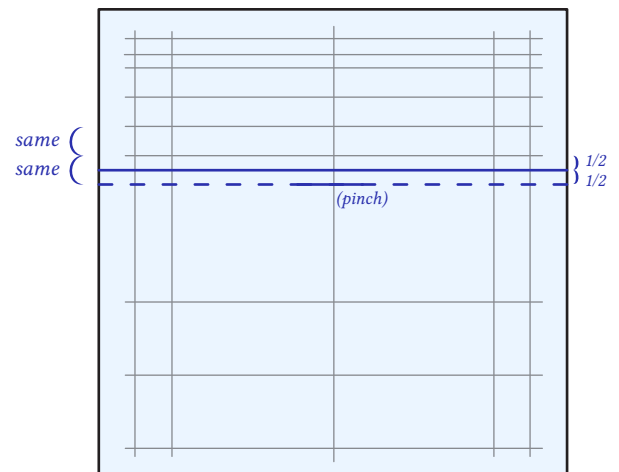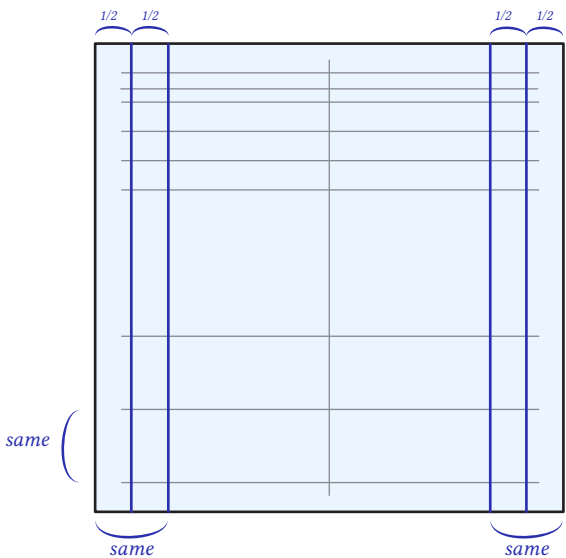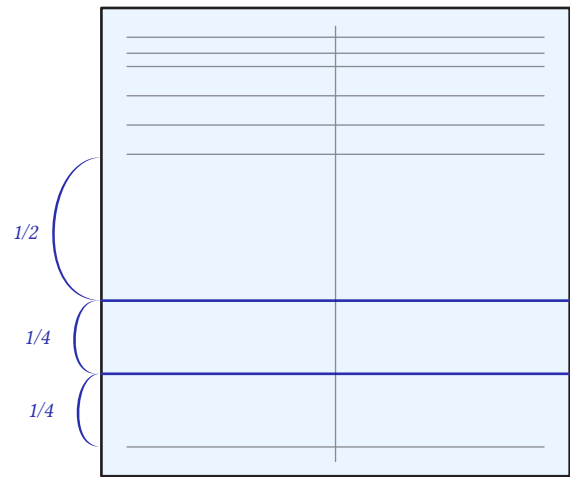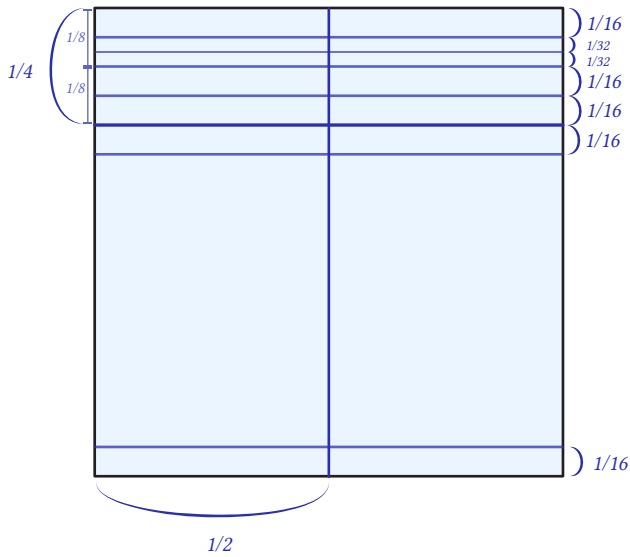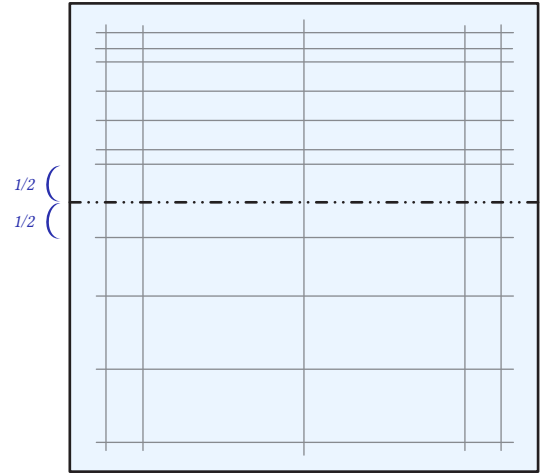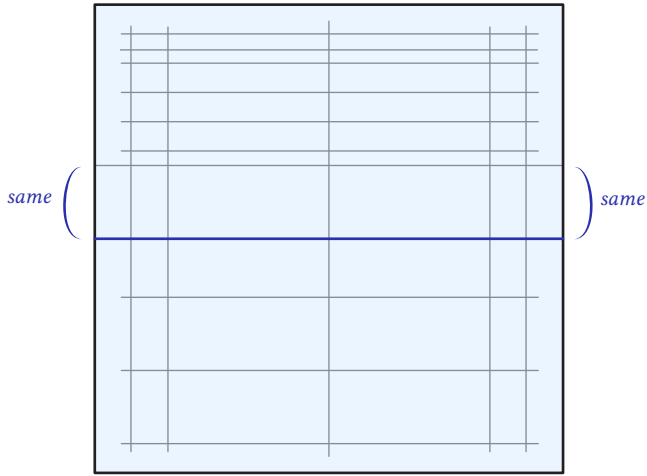
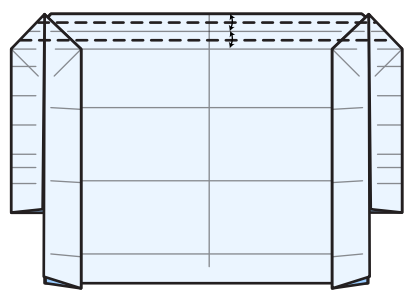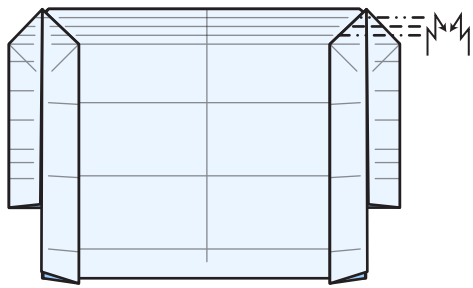Almost, but not exactly,
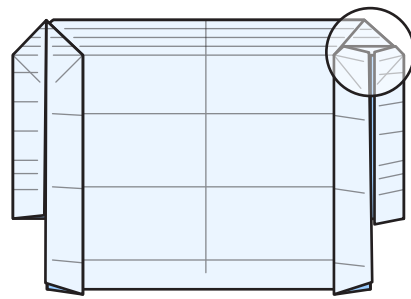half way up the paper

same   same
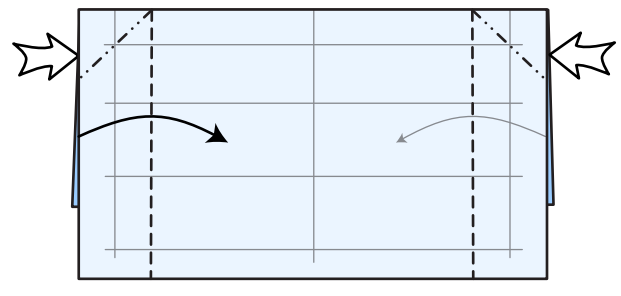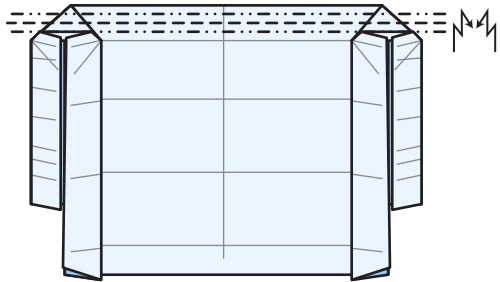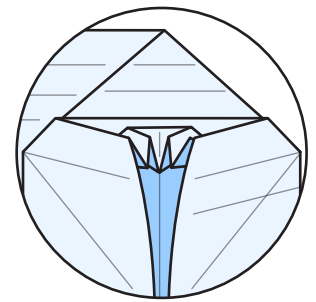
Fold and unfold

Squash fold
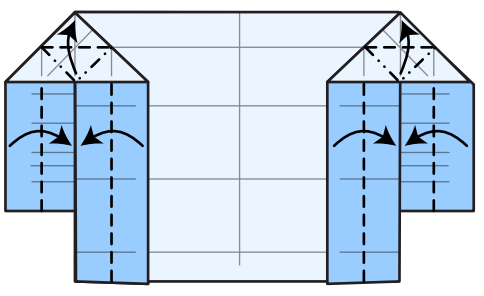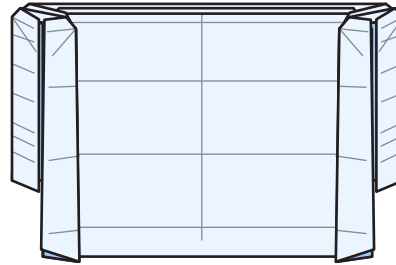
Petal fold
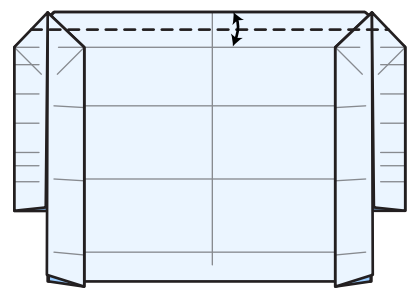
Fold and unfold
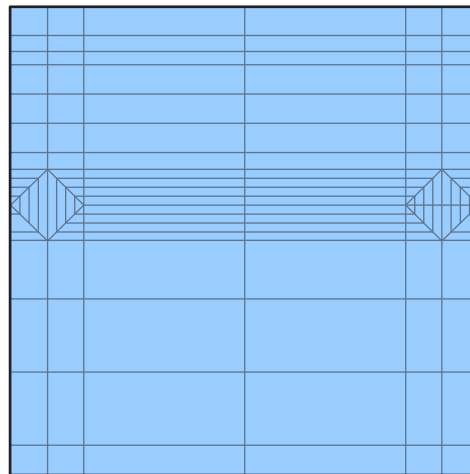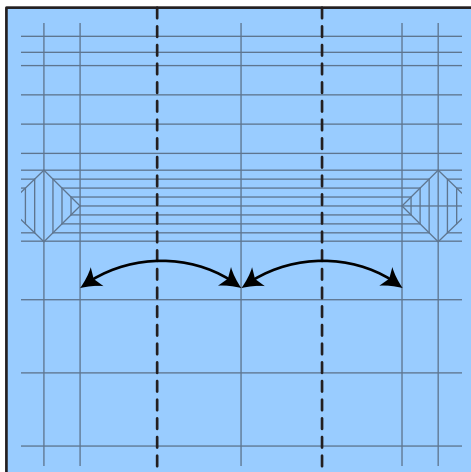
Fold and unfold

Box pleat

Completed box pleat. Repeat on left
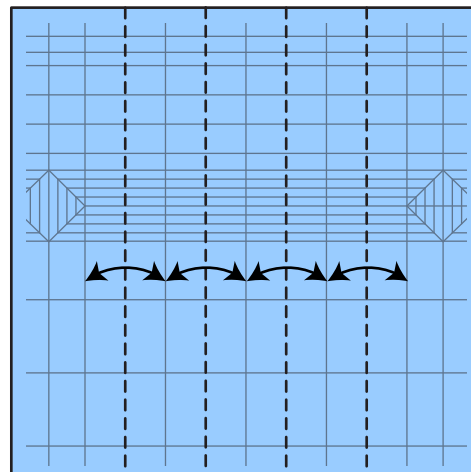

Box pleat

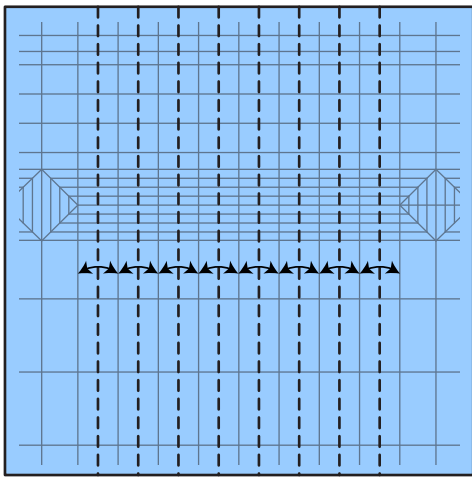Completed box pleat.
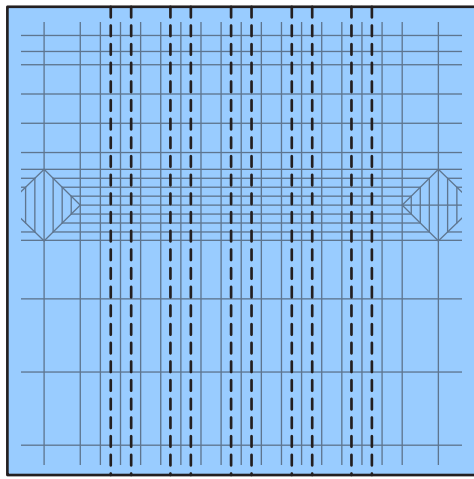Unfold everything
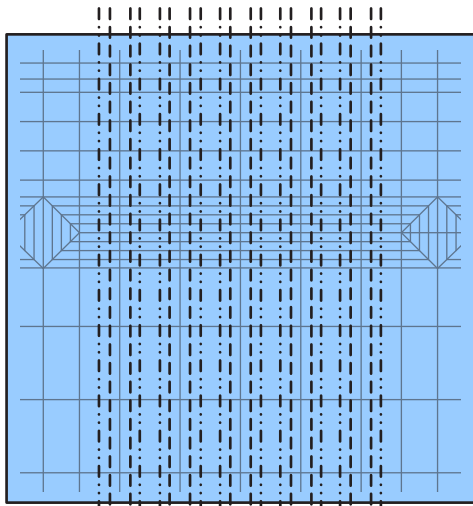

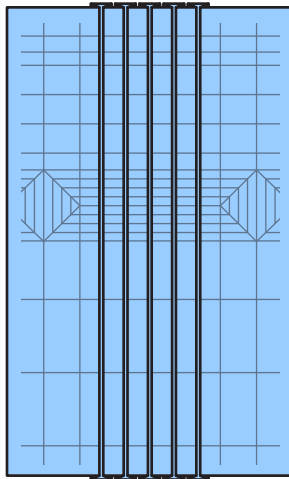Unfolded model

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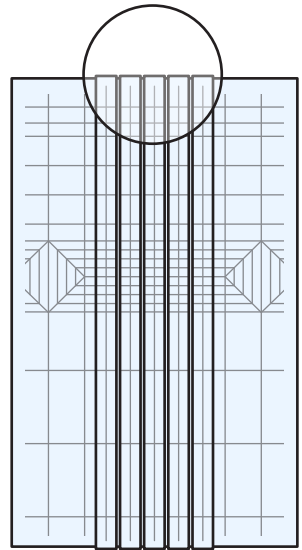(fold is almost, but not quite, sixths)
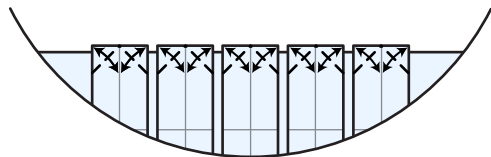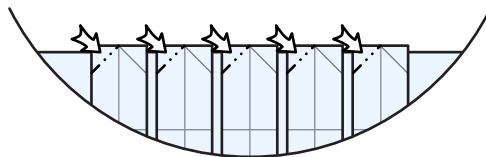
Fold and unfold

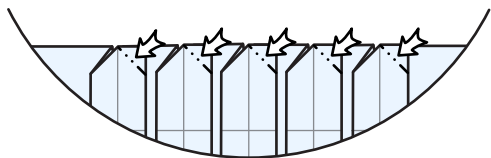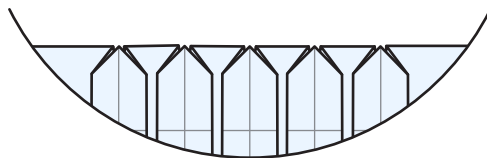Fold and unfold

Fold and unfold
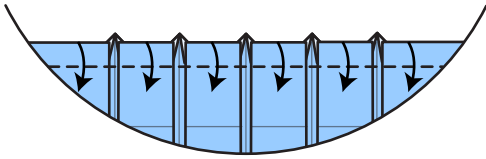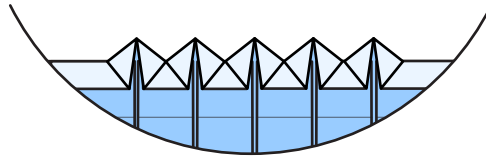
Pleat

Flip over

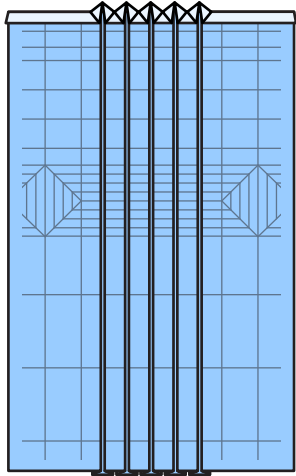Next step is zoomed in

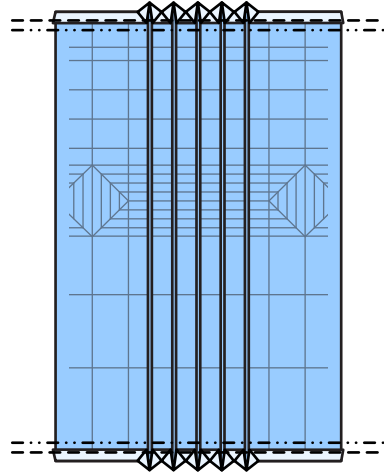Fold and unfold

Reverse fold

Reverse fold

Flip over
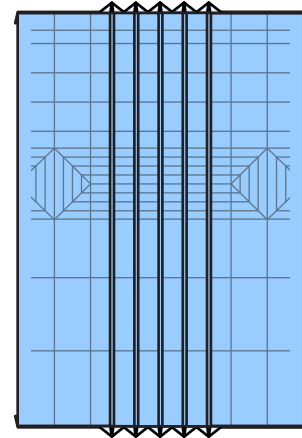
Fold flaps down as
far as they will go
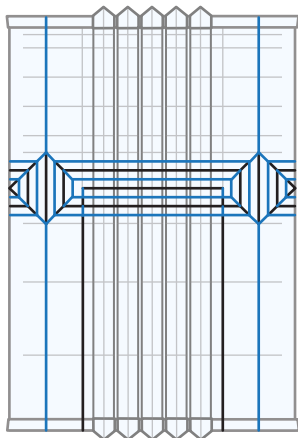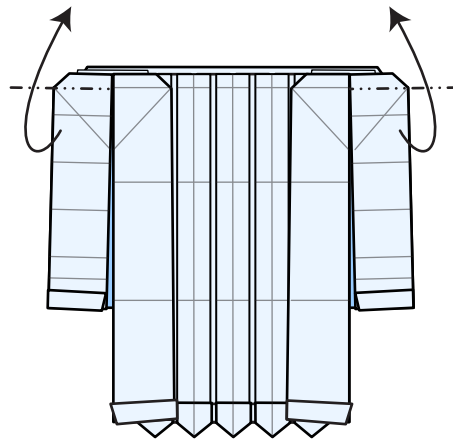

Completed fold

Repeat on bottom

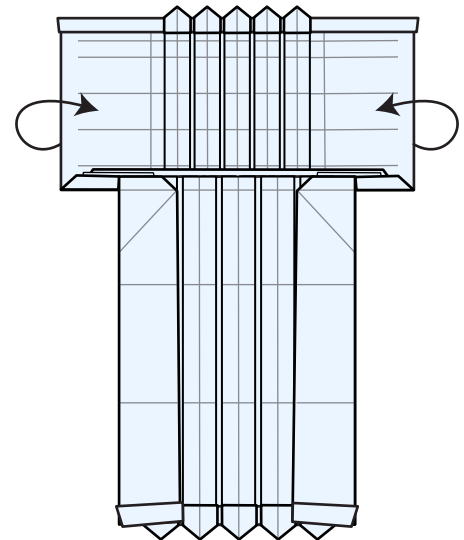Pleat. The fold will overlap
the white flaps slightly

Flip over

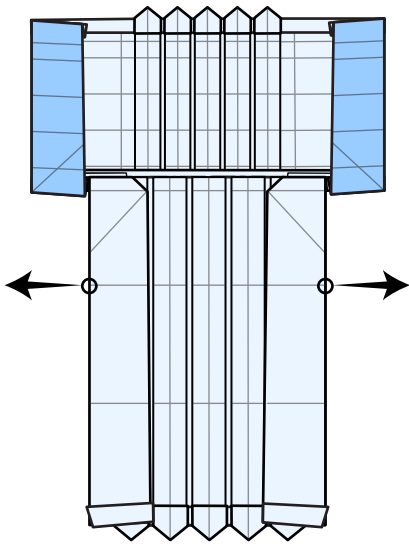
Refold the box pleat we made
earlier. For this step, moutain
folds are colored blue and
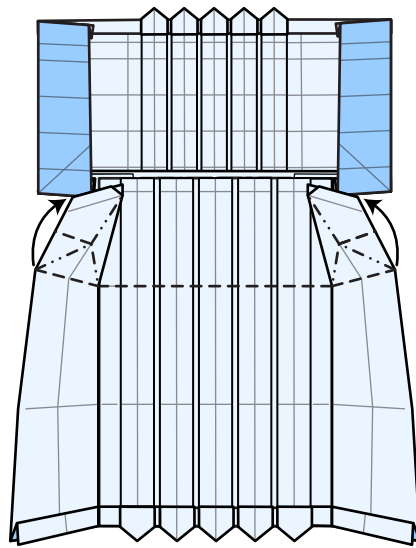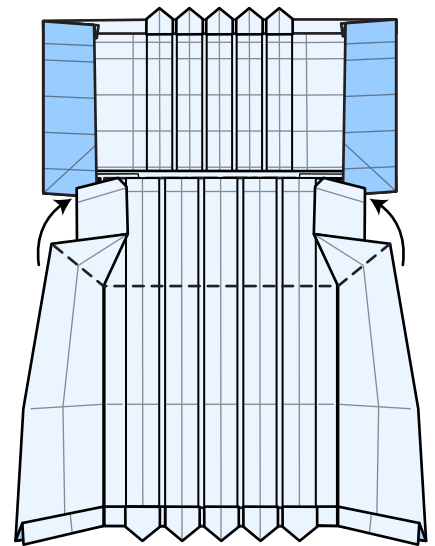valley folds are colored black

Fold back flap up

Flip pocket around
(This is tricky and involves
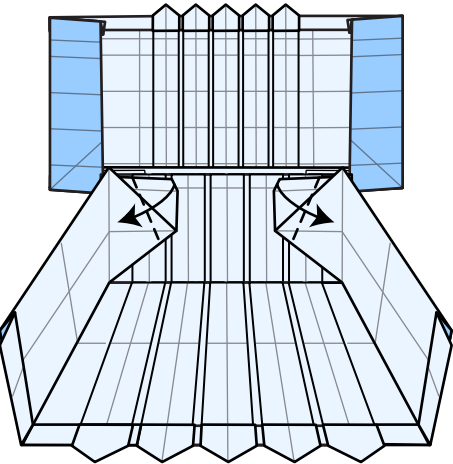some unfolding/refolding)
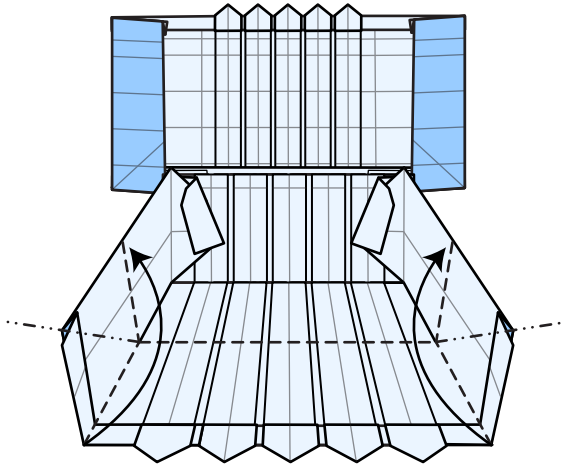
Open up side flaps.
Model will not lie flat

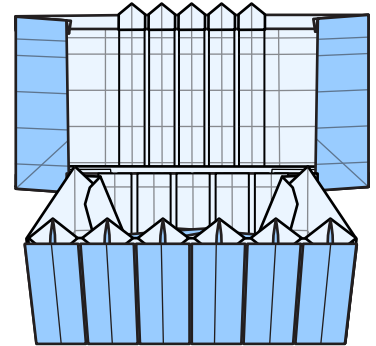Fold bottom forwards
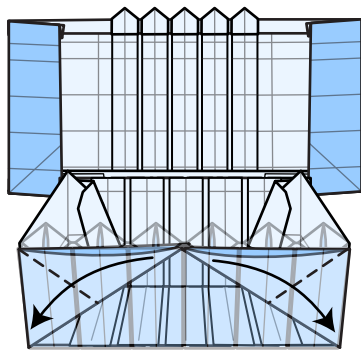while making rabbit ear folds
on the sides

fold in progress
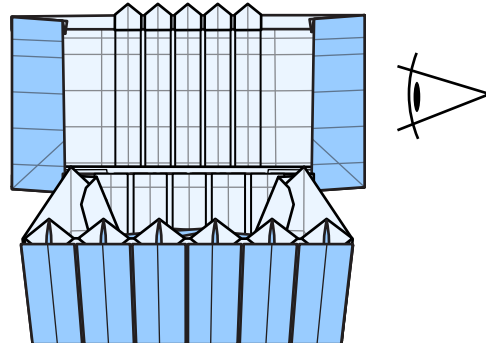
Fold flaps down to lock in crease
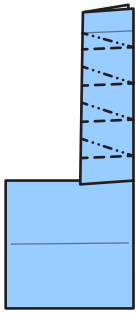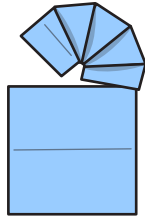
Collapse front of box

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.
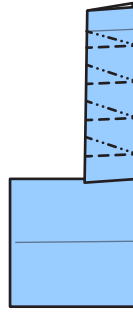Next steps will be drawn in
side view

Pleat

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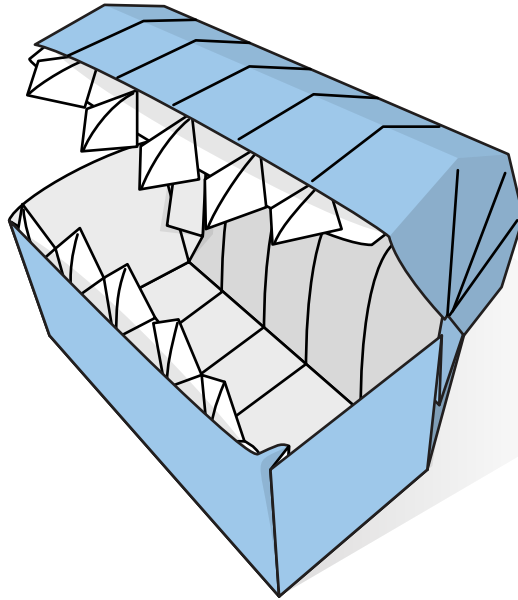Note that the segments form triangles which all meet at a center point

Unfold pleat

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

Fold in corners to straighten out edge of lid

Done!