

IT'S FOLDING TIME!

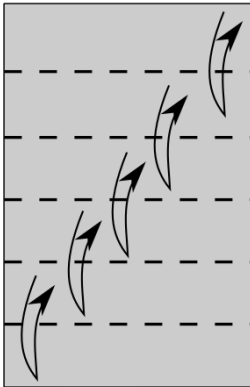
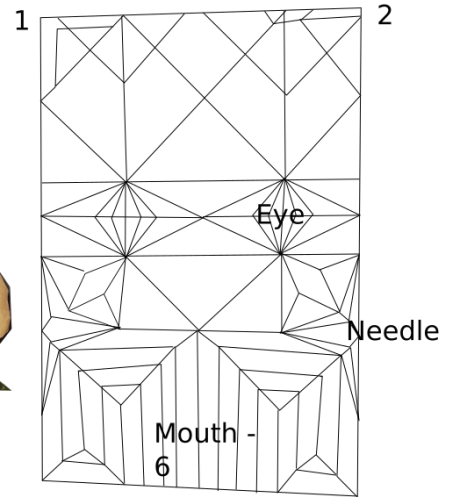
Paul Cjdu

Difficulty : ****

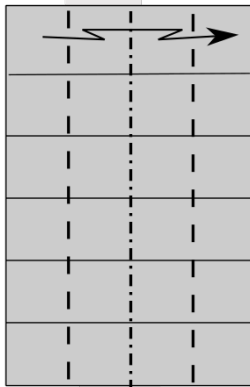
Paper : kami or tissue-fold

20x30 (2:3) bicolor

Variations : Form 4 numbers



1 - Divide in 6th



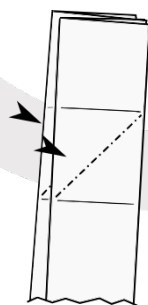
2 - Pleat



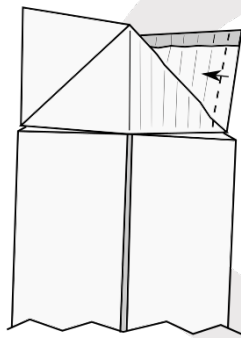
3 - Precrease as shown



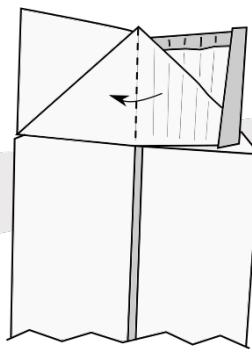
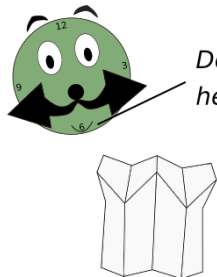
Only a part of the grid will be represented!



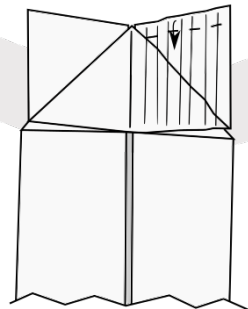
4 - Inside reverse folds



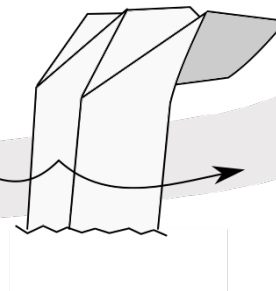
9 - Fold the first eighth as shown



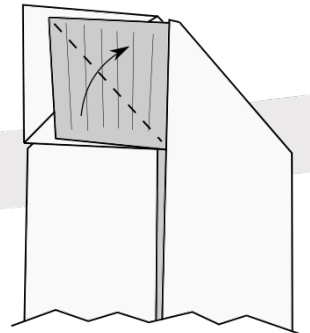
10 - Valley-fold to the left



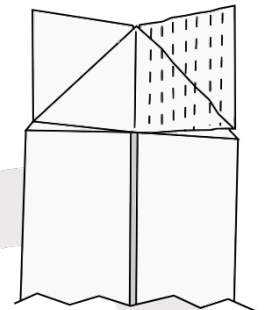
8 - Fold the first eighth as shown



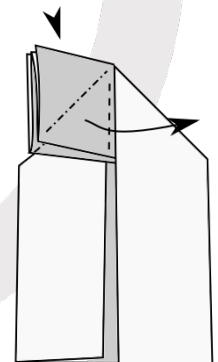
5 - In progress, unfold the center line.



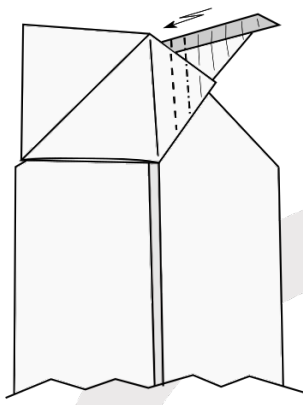
11 - Valley-fold the diagonal



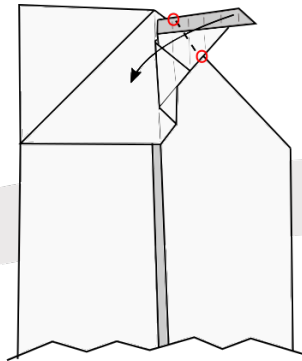
7 - Forming the numbers
Divide in 8ths



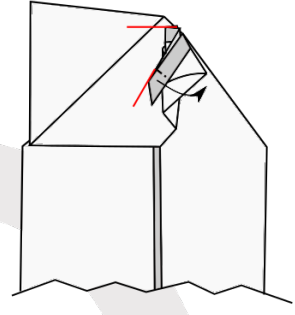
6 - Result - Squash fold



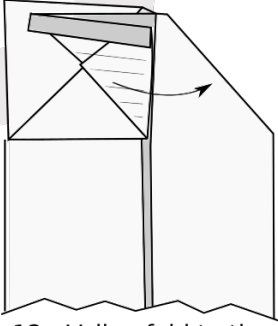
13 - Pleat-fold



14 - Valley-fold to form the '2' (1/2)



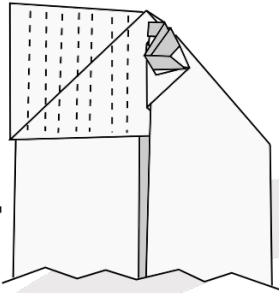
15 - Valley-fold to form the '2' (2/2): the 2 red lines should be parallel



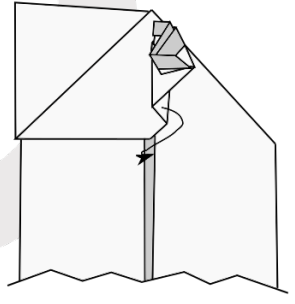
12 - Valley-fold to the right



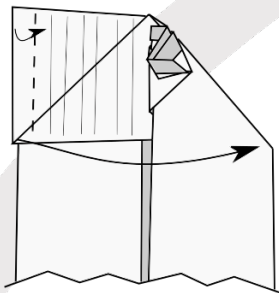
Left: Formation of the '1'
Right: Formation of the '2'



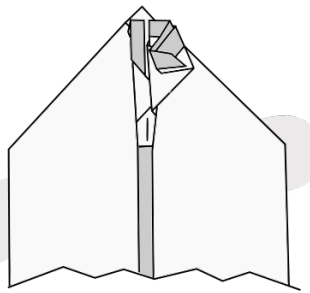
17 - Divide the eighth



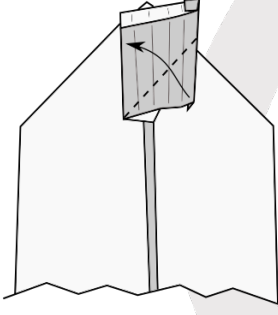
16 - Hide paper



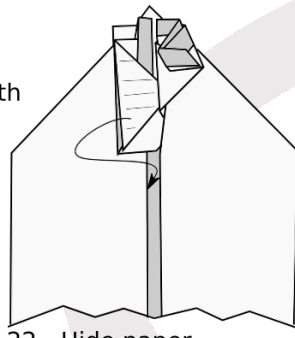
18 - Valley-fold the first eighth



23 - Result!



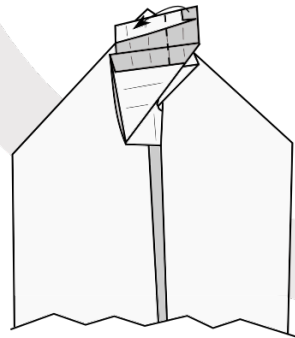
19 - Valley-fold



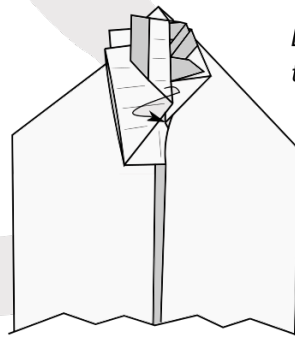
22 - Hide paper



Be careful (Step 37): Don't tear the paper

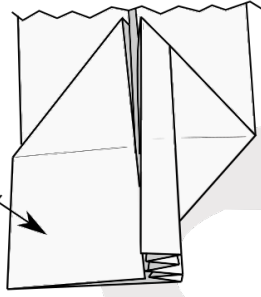


20 - Valley-fold to form the '1'

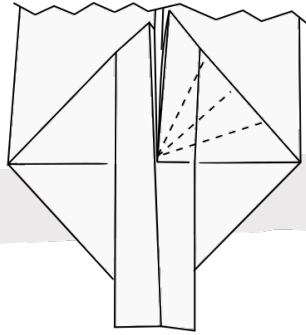


21 - Hide paper

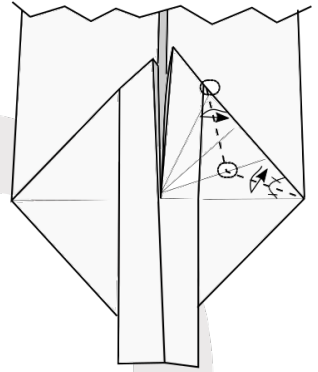
28-31



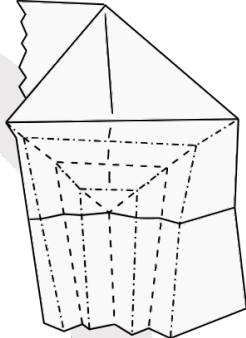
32 - Repeat on the other side



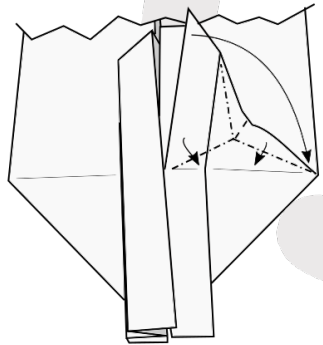
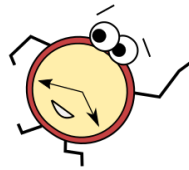
33 - Divide the angle in 4th



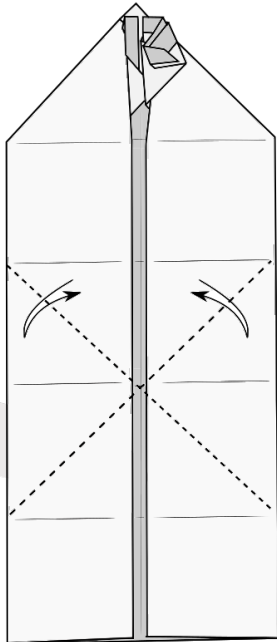
34 - Valley-folds using reference points as shown



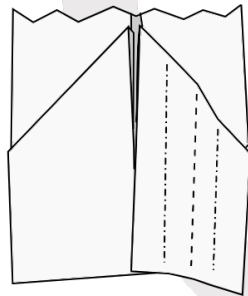
31 - Side view



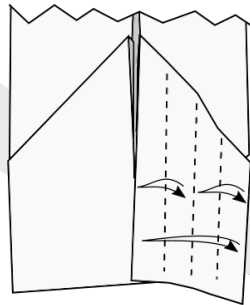
35 - Rabbit-ear



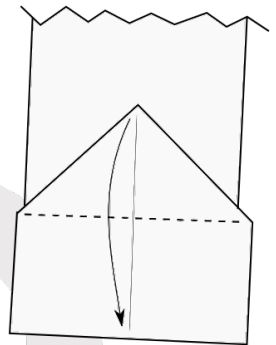
24 - Forming the needles: precrease



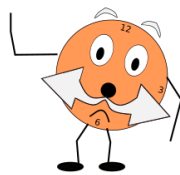
30 - Open-sinks.



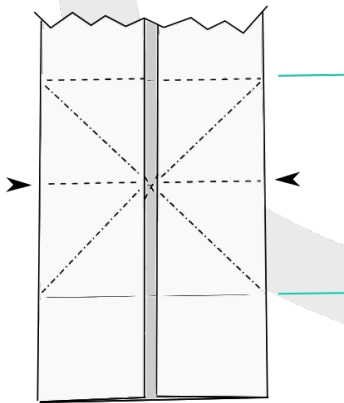
29 - Divide in 4th



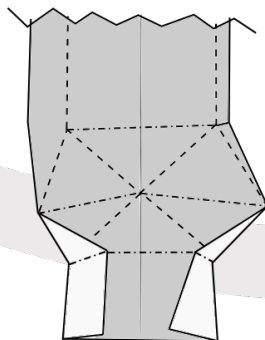
28 - Fold down the tip. Turn over the model



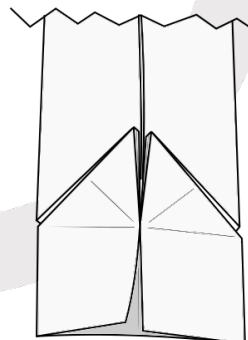
'Align' the 2 blue lines together



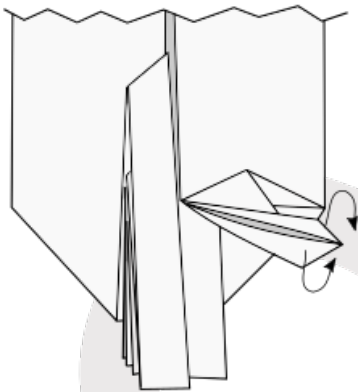
25 - Collapse as shown



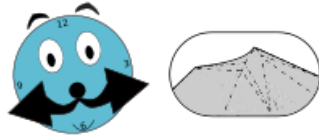
26 - Step 25 in progress



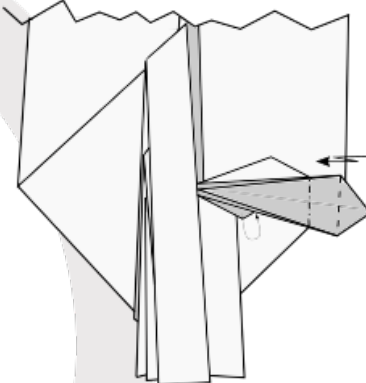
27 - Result. Turn over the model.



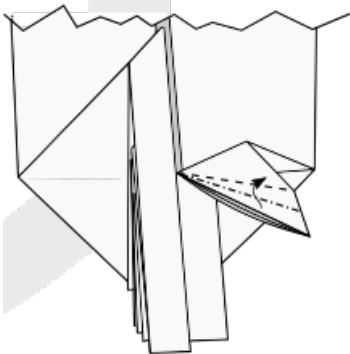
37 - Change the colors



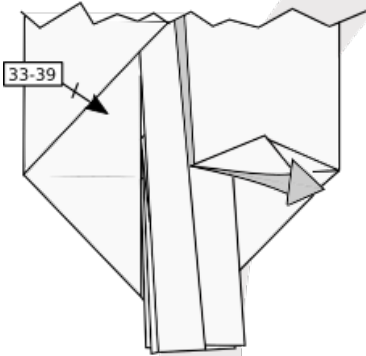
Be careful (Step 37): Don't tear the paper



38 - Pleat-fold

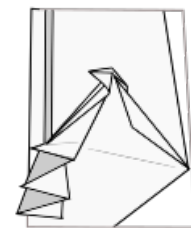


36 - Squash-fold (bisector)

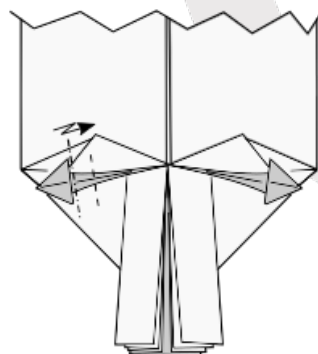


39 - Swivel-folds to make the needles thinner

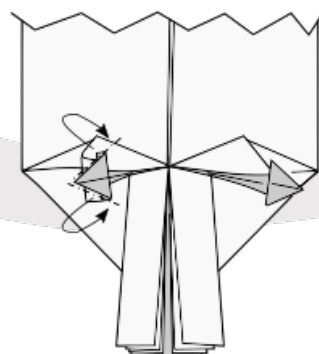
40 - Repeat on the other side



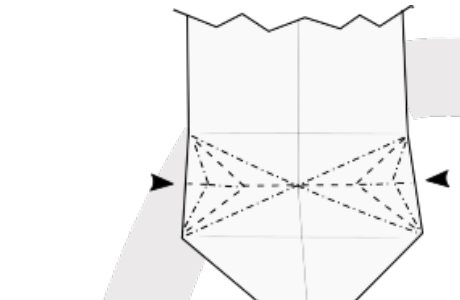
Side view



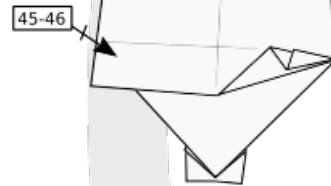
41 - Shorten a needle



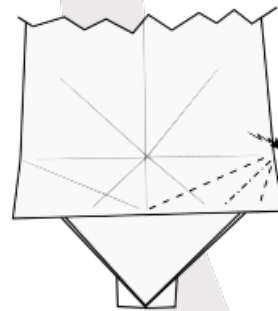
42 - Mountain-folds. Turn over the model.



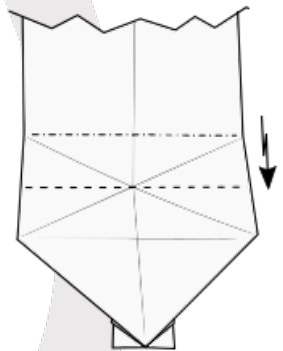
47 - Steps 47-51 : You have to collapse the model...



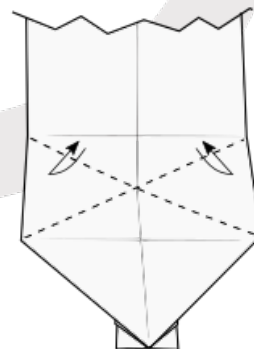
46 - Repeat on the other side. Unfold



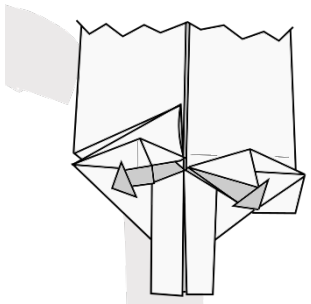
45 - Fold as shown (Warning: Don't divide the corner in 4ths)



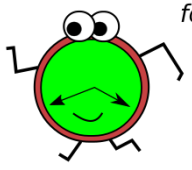
44 - Pleat



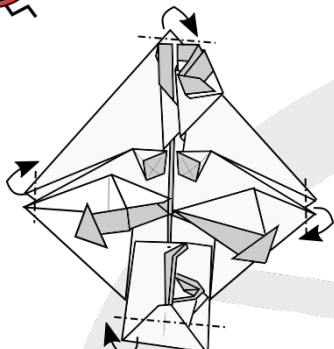
43 - Forming the eyes: Valley-folds following the diagonals



48 - ... to form this (Details below)



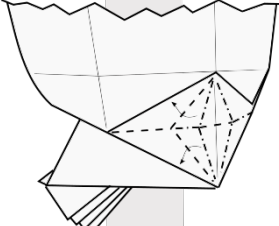
This step is necessary to form the eyes



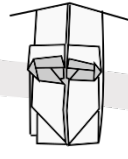
57 - Round the model



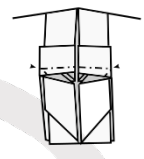
58 - Congratulations!



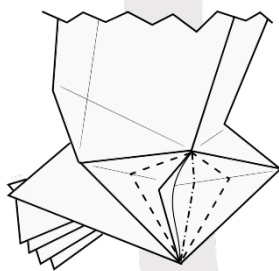
49 - Reverse folds



D - Result!



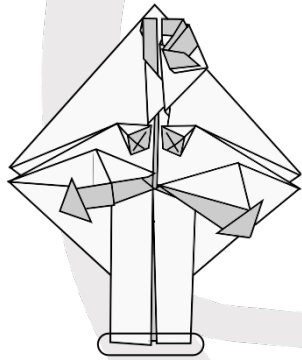
C - Squash-folds to form the mouth



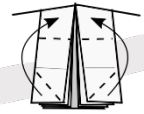
50 - Collapsing in progress



Challenge: See how the letter 'O' of Lyon is formed and form the '6'



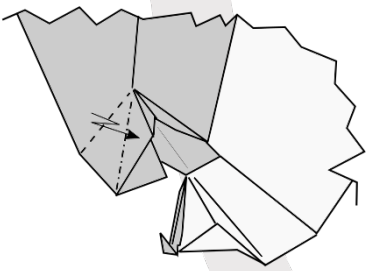
56 - Forming the mouth/the 6



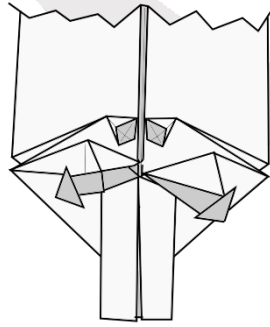
A - Elias-Strech



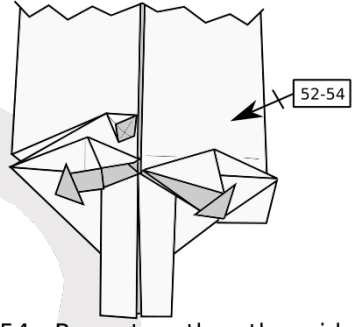
B - Squash-folds



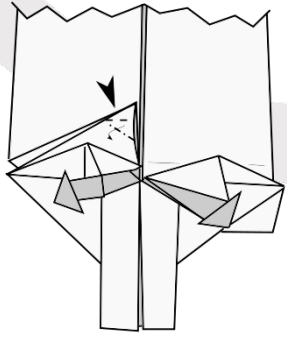
51 - Remark: order of the layers



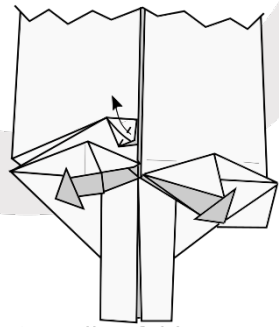
55 - Result!



54 - Repeat on the other side



52 - Squash fold to form the eye



53 - Valley-fold