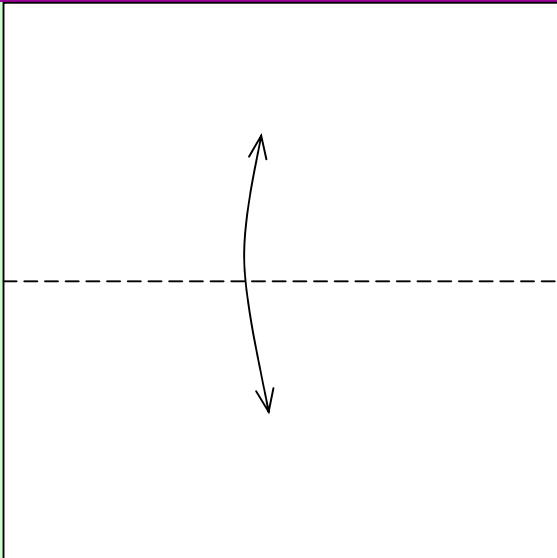


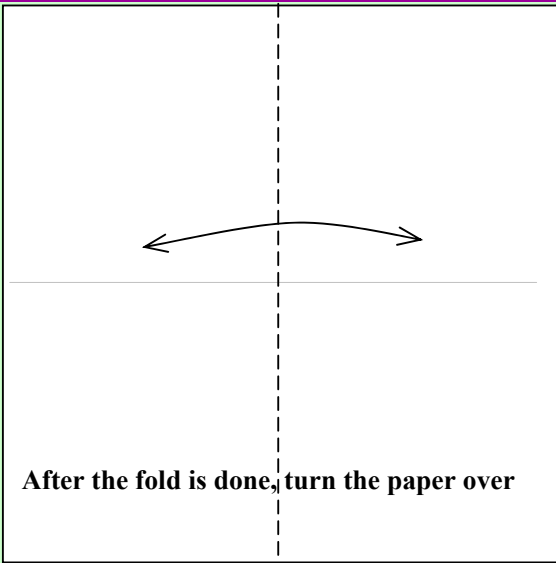
The Raviyaan in 9 easy steps

Start

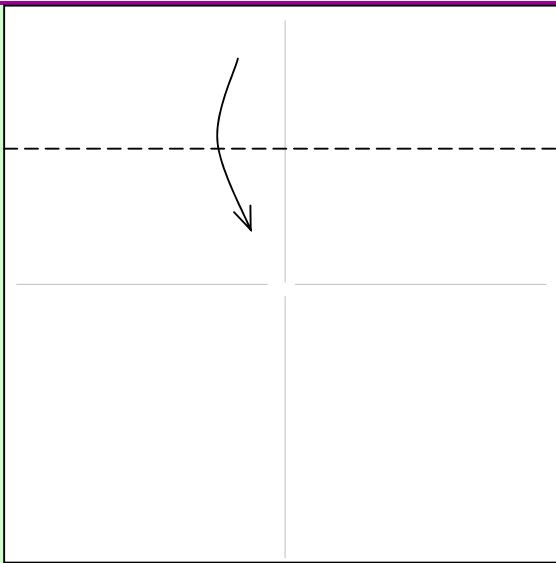
Take a square piece of paper. I used a paper cut out from an A4 sheet that weighed 70gsm (grams per square meter). Folding the Raviyaan is easy. To follow the following nine steps you need to know what a [valley fold](#) and a [mountain fold](#) are.



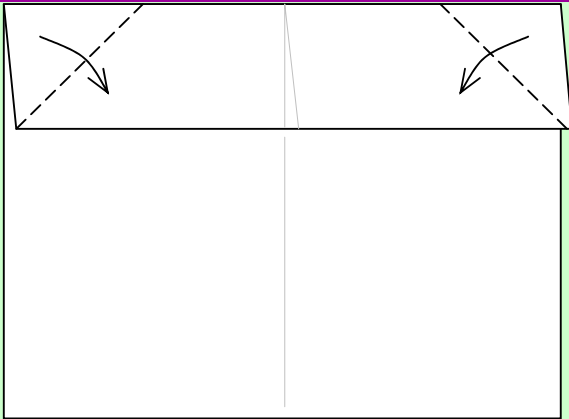
1. Start with a square paper. Fold in half horizontally and then open back out.



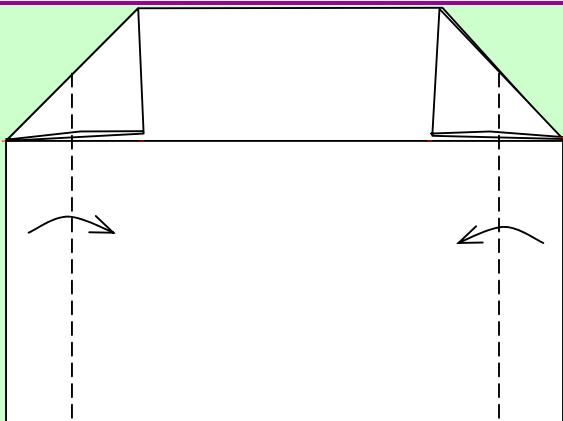
2. Fold into half vertically and then open back out.
Important: Then flip the paper upside down.



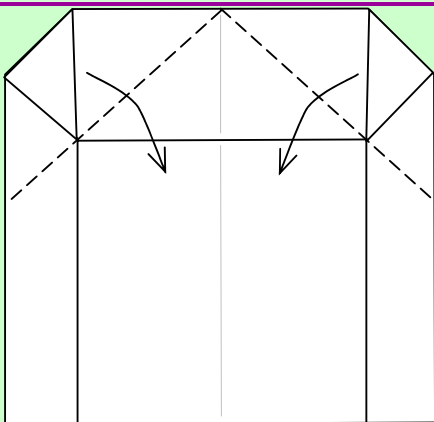
3. Now fold one-fourths horizontally. Do not open back out.



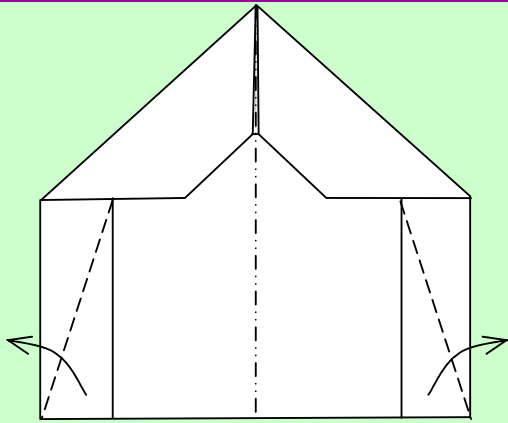
4. Crease along the corners using valley folds as shown.



5. Valley fold as shown so that the red points meet each other.

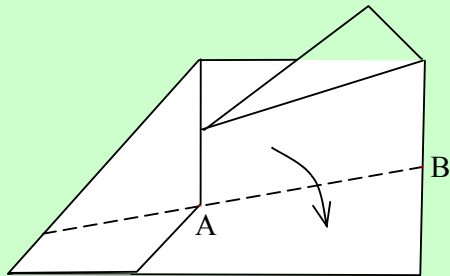


6. Fold to the centre line as shown.



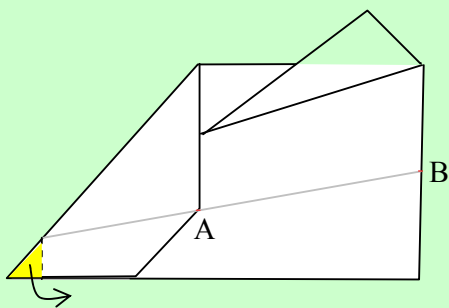
7. First fold the winglets and then mountain fold the whole plane in half.

Note: The area of the plane that is shown in the figure forms the underside of the **final** plane.



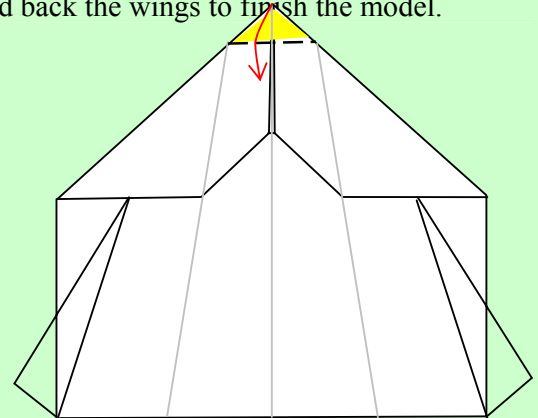
8. Find (or visually approximate) the mid point B of the rear end of the plane. Form the wings by folding along a line joining mid-point B and the vertex-point A.

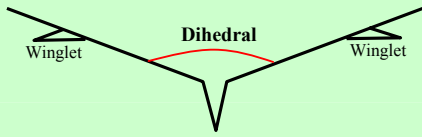
9. Valley fold the yellow region so as to lock the bottom flaps of the model.....



... open the model as shown below and then perform the fold.

Now fold back the wings to finish the model.





Front view
Important for flight: Notice the dihedral angle and that the winglets are nearly parallel to the ground.