## Christmas ornaments: 5-pointed origami star with one sheet Tutorial

## What you need

1. Each star uses a Bonjardim origami sheet $15 \mathrm{~cm} \times 15 \mathrm{~cm}$ (which yields a star approximately 8 cm high).
2. Scissors.

## How to do

1. Nice-side paper down. Fold in half, bottom to top.


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2. Fold the bottom left corner up; unfold.

3. Fold the top left corner down; unfold.

4. Fold the bottom right corner, aligning with the intersection point of the previous folds. (center of the X -shape; point highlighted in the photo).

5. Fold the top layer in half, aligning with the right edge.


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6. Fold $A B$ edge, aligning with the $A C$ edge.


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7. Turn over and fold in half thorugh the indicated line.


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8. Cut with scissors through the indicated line.

9. Open and ehck out the perfect regular pentagon!

10. Turn nice-side paper down and fold in half through all the side, to create the creases shown.

11. Fold the bottom part so that the two bottom vertices meet the creases shwon in the picture below. That is, A should meet $A^{\prime}$ and $B$ should meet $B^{\prime}$.


12. Unfold and repeat the same fold/unfold in all the sides of the pentagon. This will created creases of an internal pentagon.
13. On the left side, fold throuygh the crease just created, gently pulling the bottom corner to the left and flating down to create a new crease.

14. Unfold and repeat for all the pentagon sides.
15. Starting with a completely unfold pentagon, gently pull all 5 corners and follow the creases, flating down to create the star shape.

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It may sound difficult bit it is not. With the right creases, you will quickly realize how to guide the corners to make the star.


Almost there!
16. Turn over

## PORTO


17. Fold the internal corners from the right to the centre, following the line indicated below.


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18. Repeat for all the other star arms.


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In the last one, you will have to lift slightly a fold to fit the last folded arm.
And we are done! Perfect star!

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The reverse


Happy Christmas preparation! Merry Christmas!

