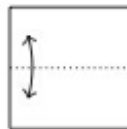


# G-CO Origami equilateral triangle

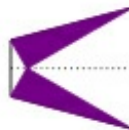
## Task

Jessica is working to construct an equilateral triangle with origami paper and uses the following steps.

a. First she folds the paper in half and then unfolds it , leaving the crease along the dotted line:



b. Next Jessica folds two corners over to the center crease as shown in the picture below:



Explain why the two purple triangles meet in a point as the picture suggests and why the large white triangle is an equilateral triangle.



