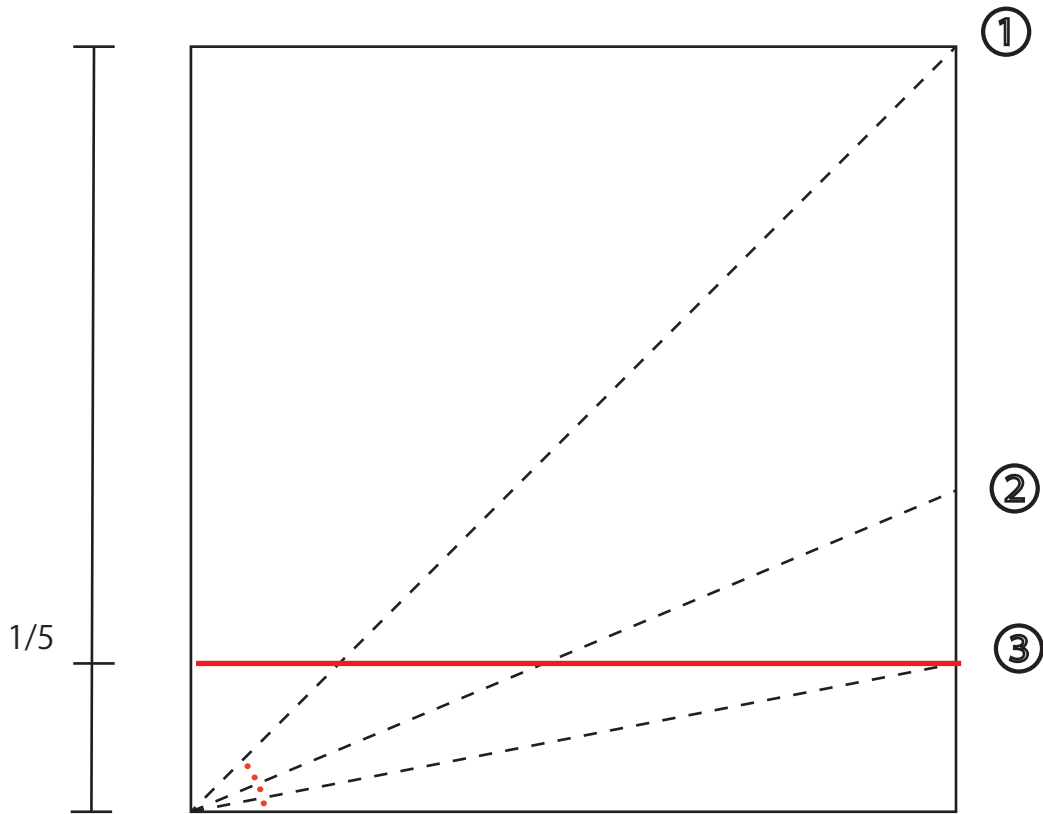
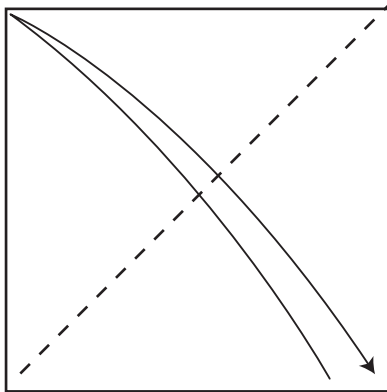


Here is one way to divide a side of an origami sheet into five equal parts. While there are several methods for finding one-fifth, this is one of them. This method provides a highly accurate approximation.

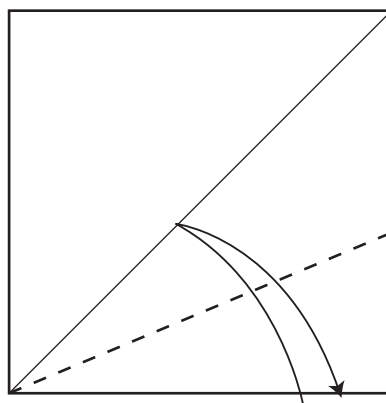


①



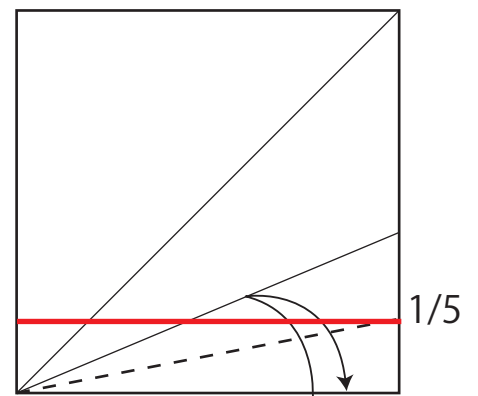
Fold along the diagonal.

②



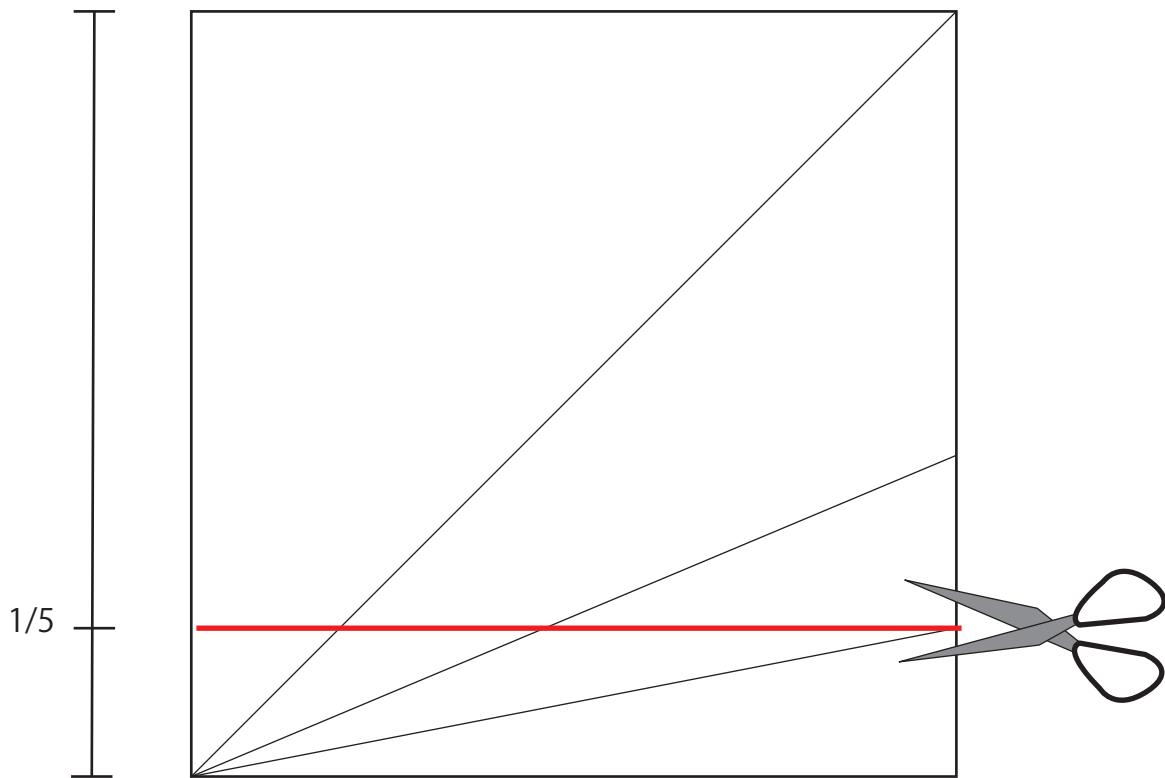
Valley-fold the paper to the crease made in step ①, then unfold it.

③

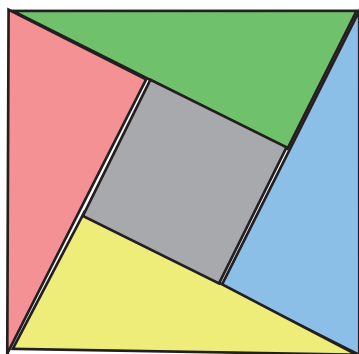
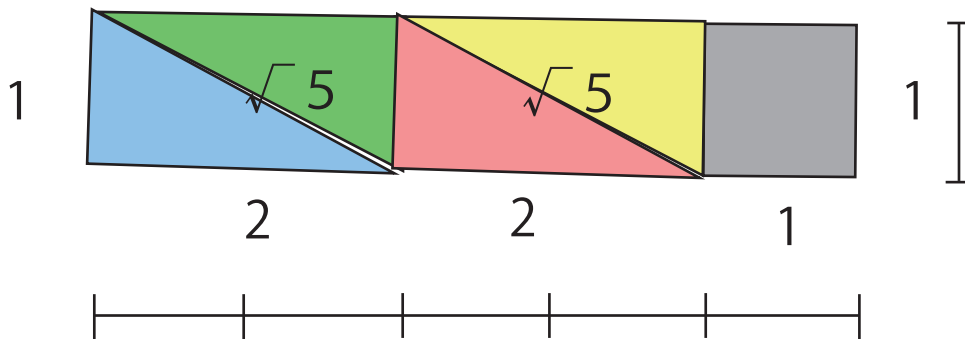


Valley-fold to the crease made in step ②; where it meets the right edge, fold horizontally from the base to mark exactly one-fifth.

From a 1:5 ratio, you can create a $\sqrt{5} : \sqrt{5}$ square.



Try cutting a 1:5 sheet of paper like this!



The 1:5 paper transforms into a square! It's fun, so let's cut the pieces and arrange them!

