

Paper Darts

Stem Activities



Ages: 6-8



Less than 30 minutes



Grownup needed

Paper folding isn't just an art - it's a gateway to scientific discovery! Through precise folding and design, paper darts can glide steadily through the air and even spin as they fly. Get ready to create your own unique dart and challenge yourself to achieve the longest flight distance!

Materials Needed

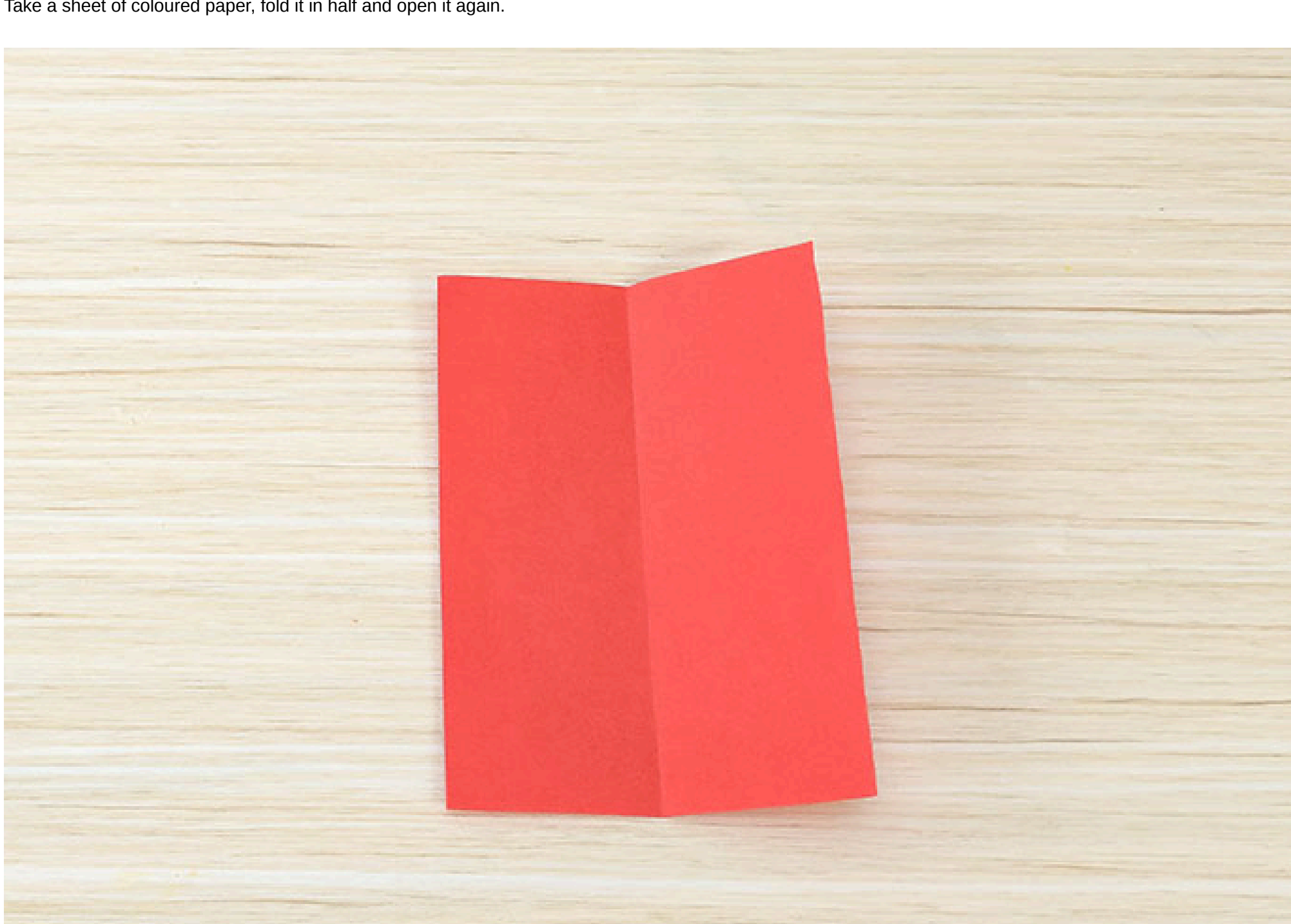
Coloured paper
Rubber band



Step-by-step tutorial

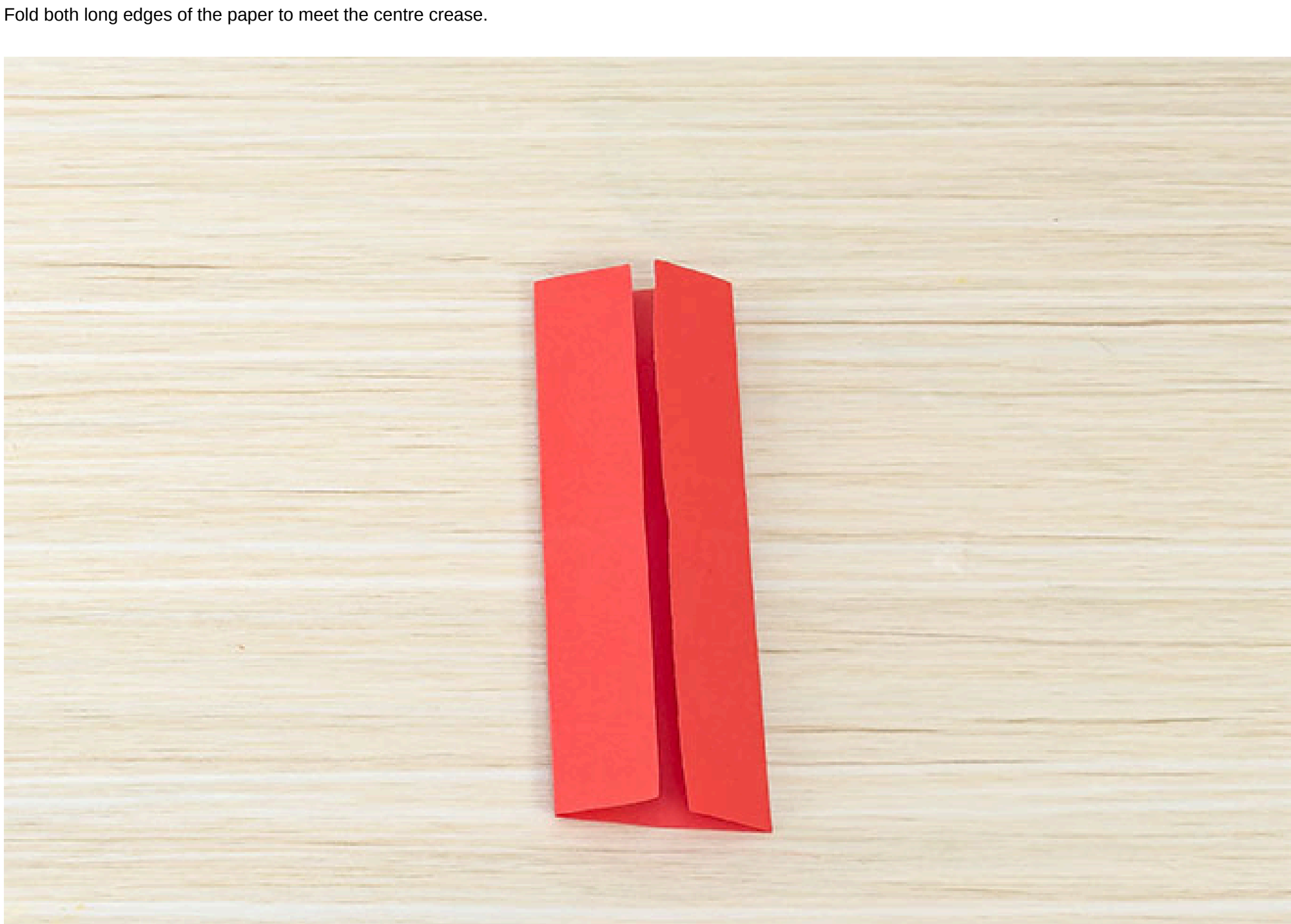
Step 1

Take a sheet of coloured paper, fold it in half and open it again.



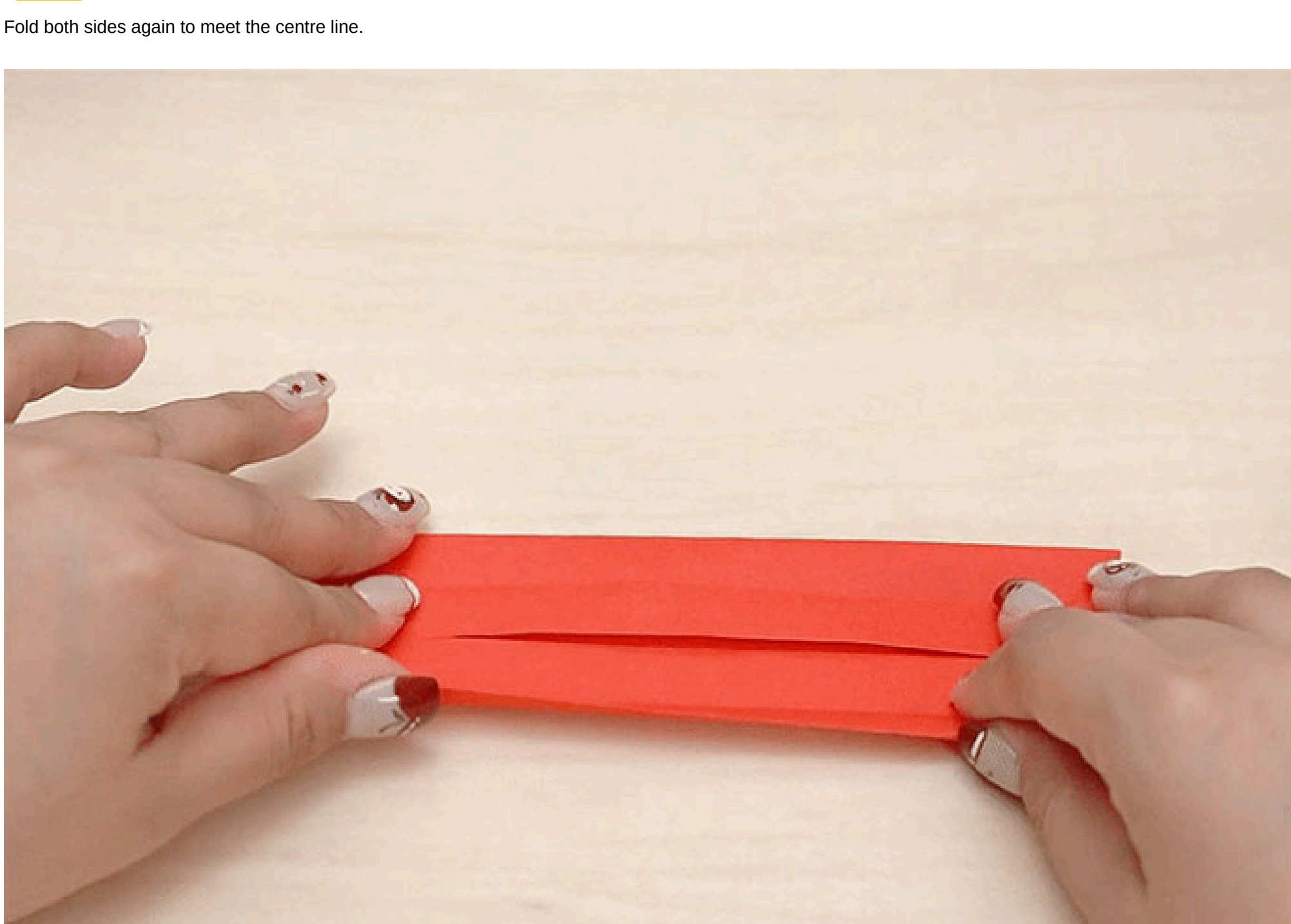
Step 2

Fold both long edges of the paper to meet the centre crease.



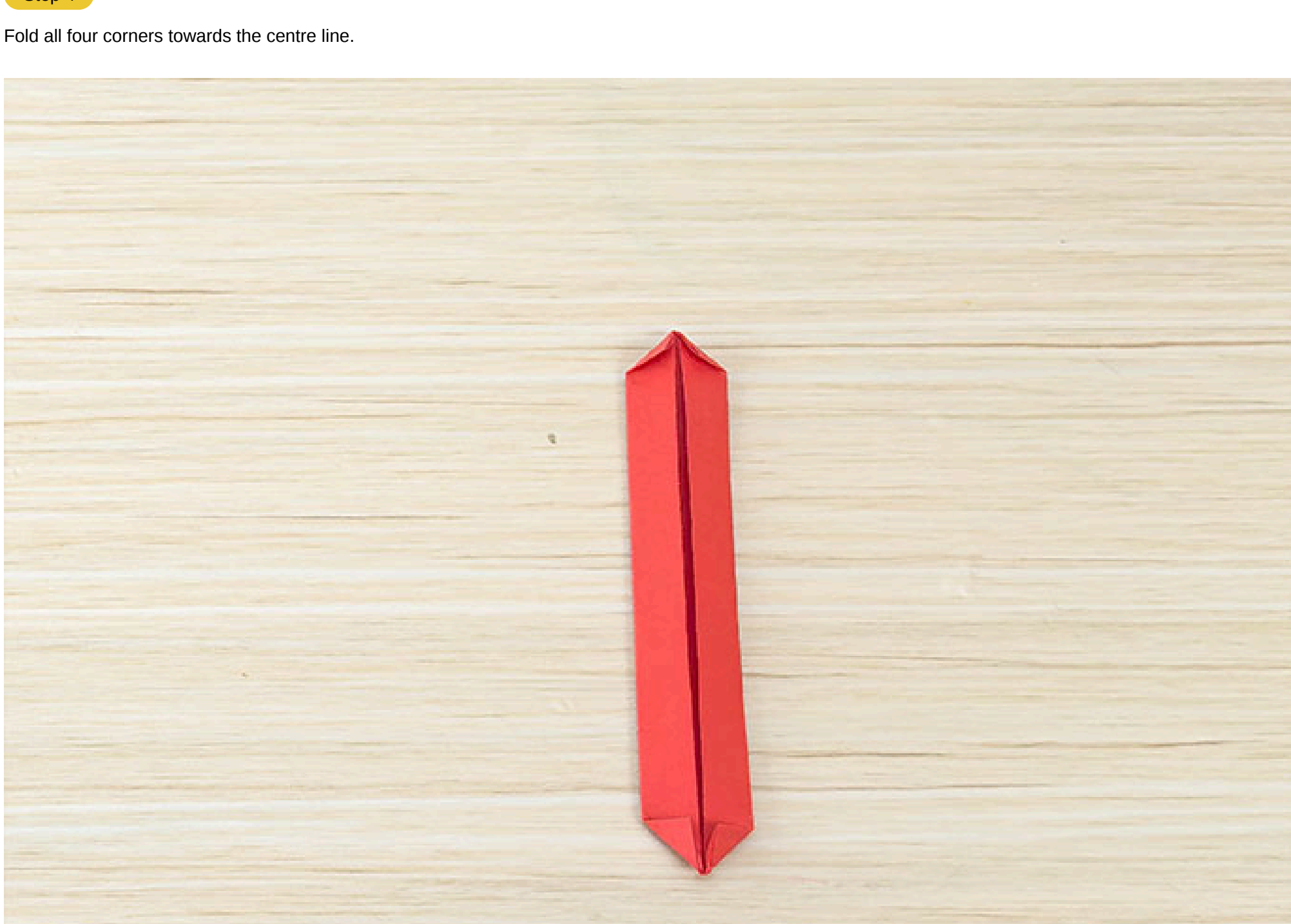
Step 3

Fold both sides again to meet the centre line.



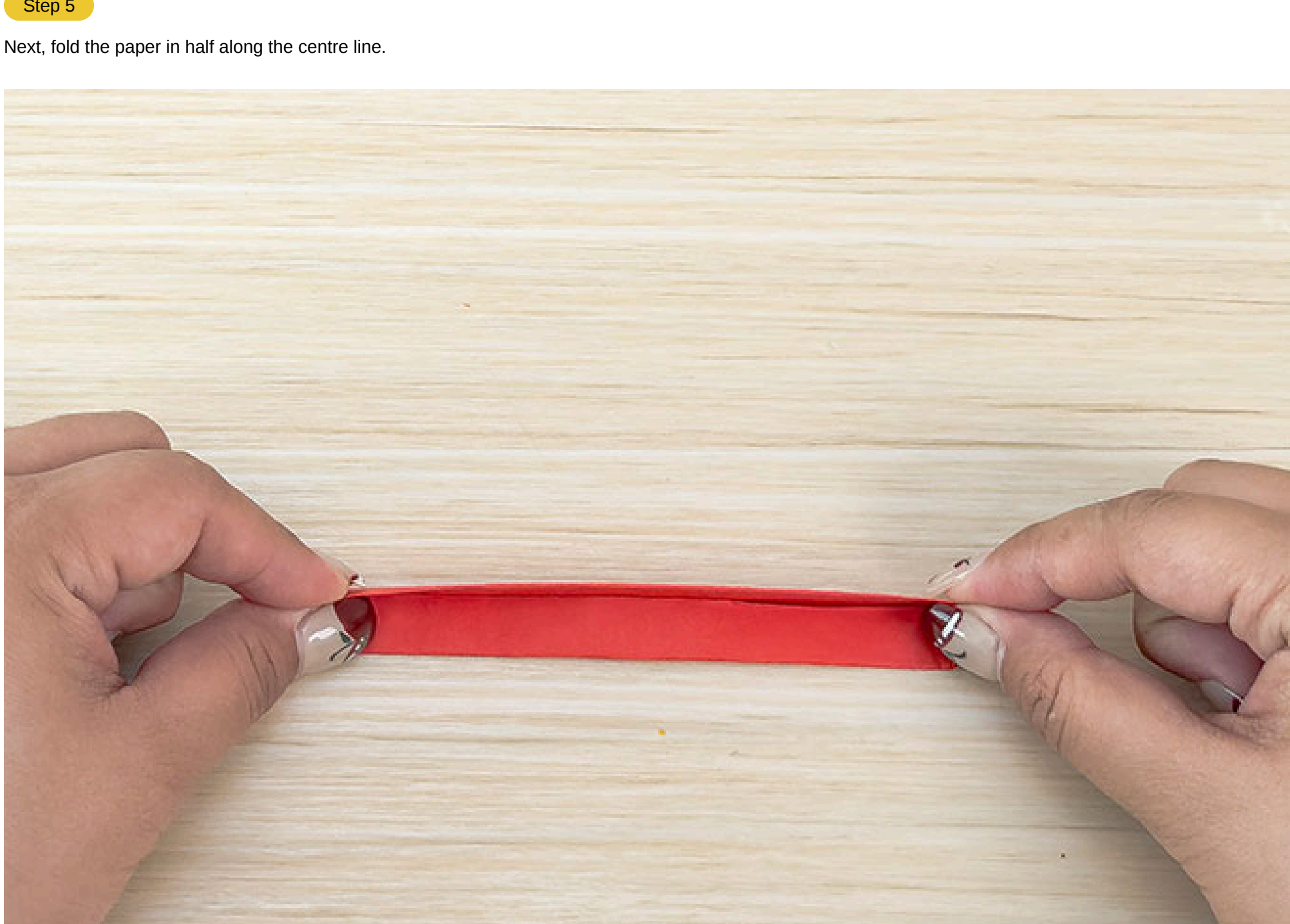
Step 4

Fold all four corners towards the centre line.



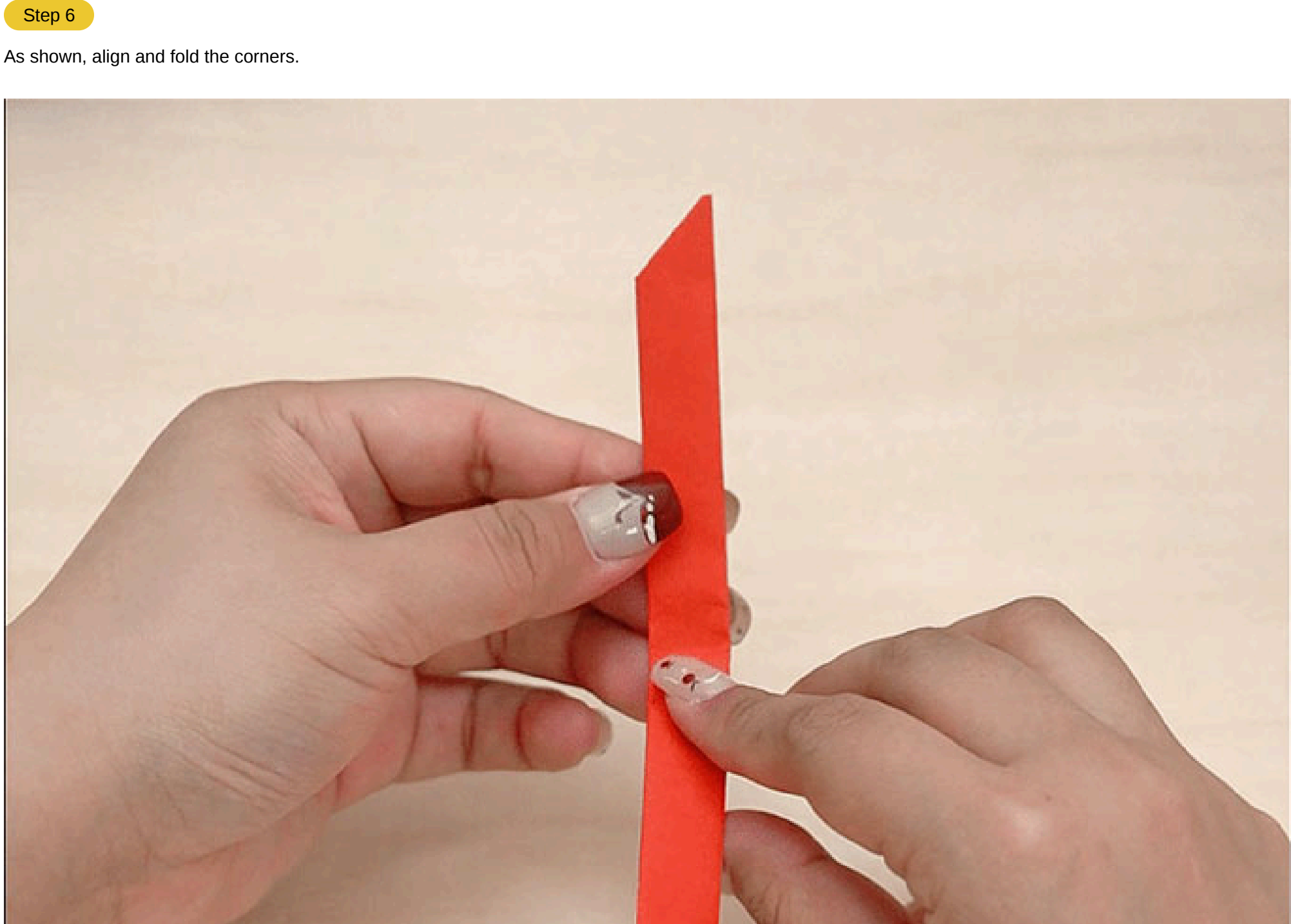
Step 5

Next, fold the paper in half along the centre line.



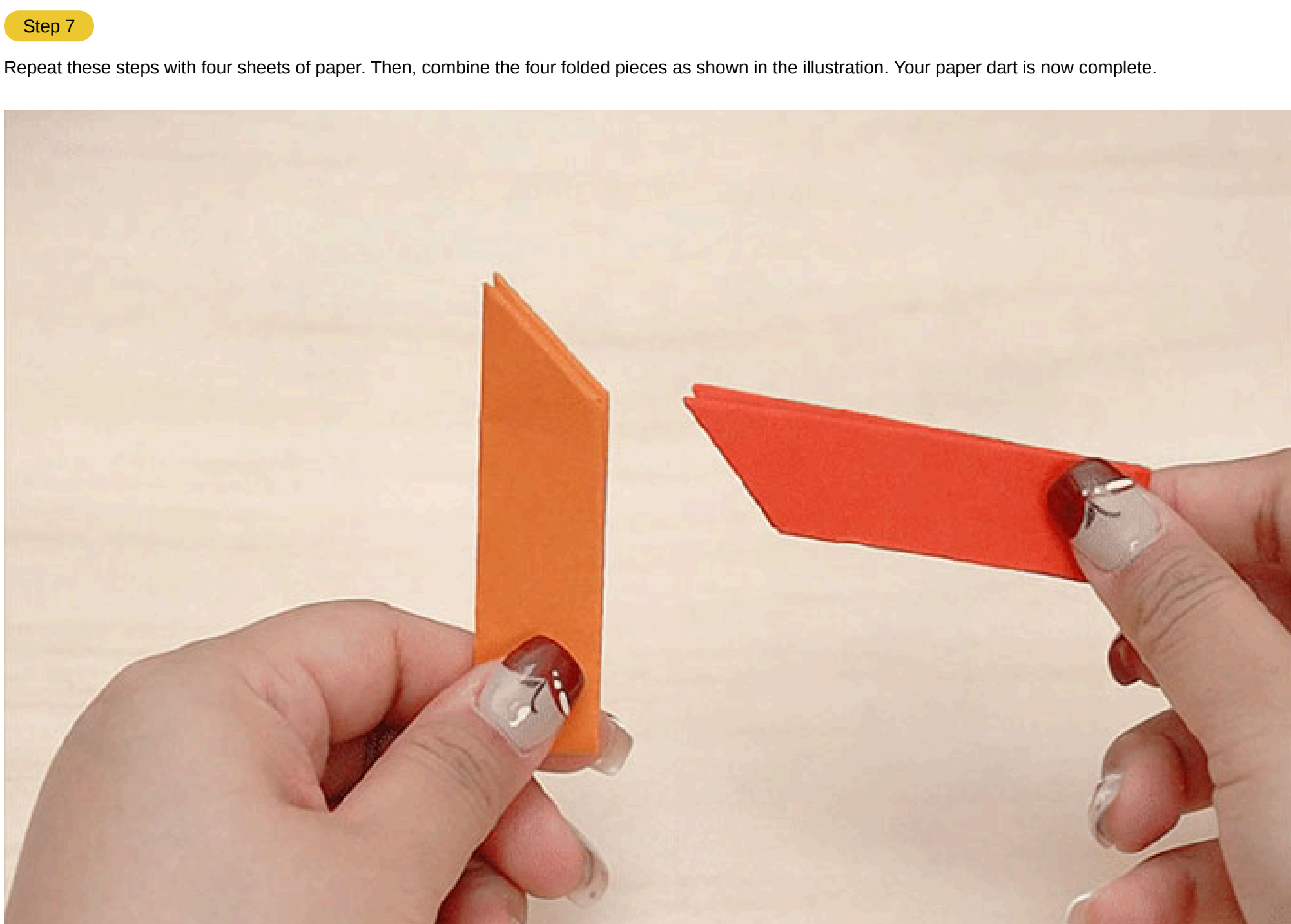
Step 6

As shown, align and fold the corners.



Step 7

Repeat these steps with four sheets of paper. Then, combine the four folded pieces as shown in the illustration. Your paper dart is now complete.



Step 8

Hook one end of the rubber band around one of the dart's wings, pull the other end of the rubber band sideways. Then release to launch!

