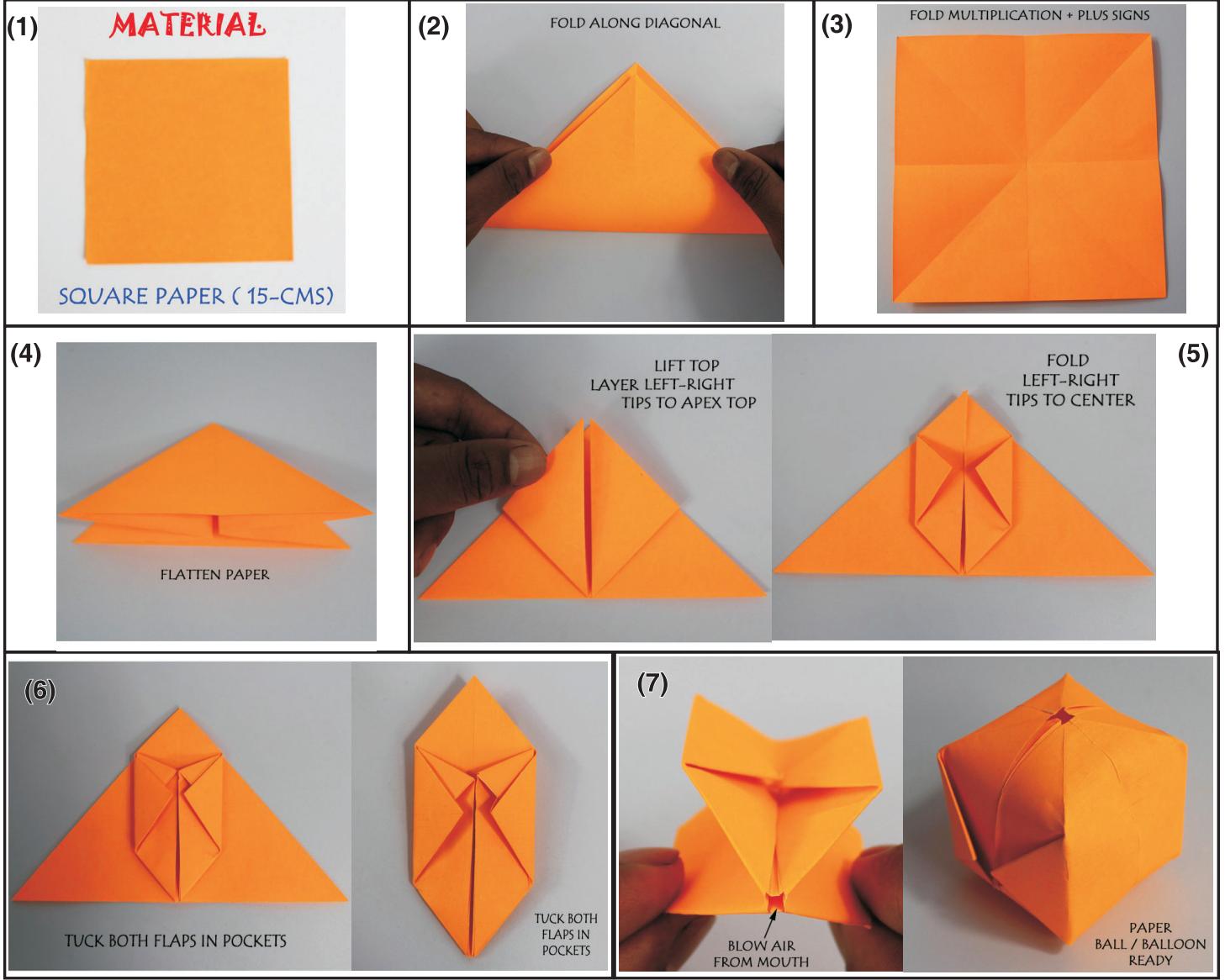




Paper Balloon



(1) Take a 15 cm × 15 cm square piece of paper (2) Fold diagonally (3) Next fold the paper again across the line you already made, and unfold it again. (4) Then you need to take the top two corners and fold to get a triangle. (5) Next, fold the two corners of the bottom of the triangle so you get shape like a diamond. Then you take the outer two corners of the diamond shape of the paper and fold it into the center line. (6) The last step is to fold down the two little tabs at the top on both sides and fold it into the tabs below. (7) Now all you have to blow air into the small hole at the end of the balloon and it will inflate. If you want, you can fill it with water and can use as water balloons but it will not be reusable. (8) Can you tell me, if you will take 15 cm × 15 cm paper, what will be the volume of the balloon? & (9) If it is of 20 cm × 20 cm paper, what will be the volume of the balloon?

This toy has closed surface area having only one hole into it. If air blown into it, it takes a fixed shape. Now, tell me have you seen anything which takes shape after blowing air into it.

