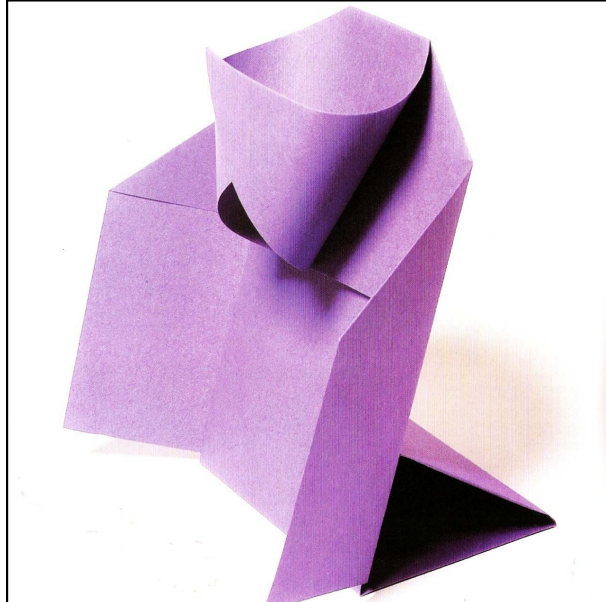


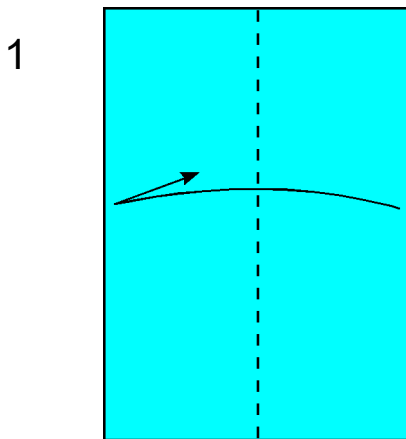
Basketball Hoop with Stabiliser

The Basketball Hoop is a modern design, probably originating in the USA, which can equally well be folded from A4 or US letter sized paper. As far as I am aware nobody knows who first designed it, where or when.

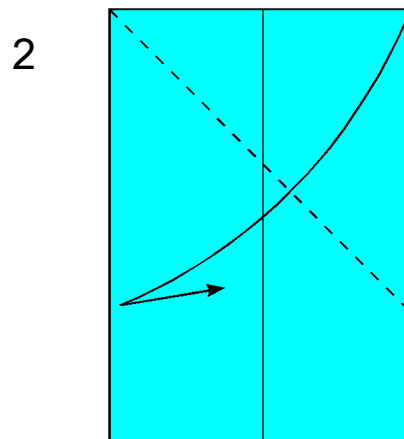


My contribution to the design has been to add a stabiliser made from another identical sheet of paper so that the impact of missiles does not knock it over backwards. Suitable missiles can be made by screwing small pieces of paper or silver foil into balls.

The Basketball Hoop is usually made from paper that is the same colour both sides so that is how I have drawn the instructions.

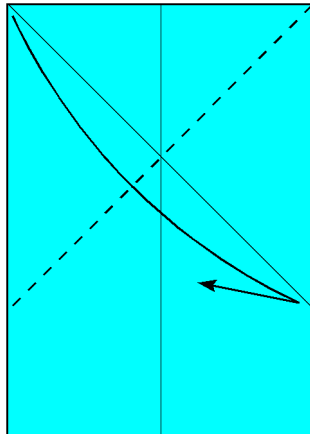


1. Begin with the sheet of paper you are going to use to make the stand from. Fold in half sideways, then unfold.



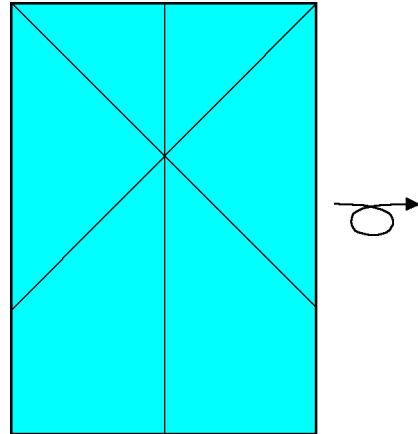
2. Fold the top edge onto the left edge, then unfold.

3



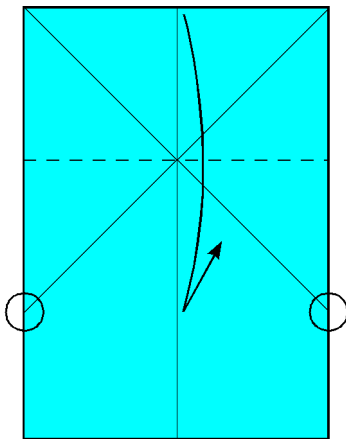
3. Fold the top edge onto the right edge, then unfold.

4



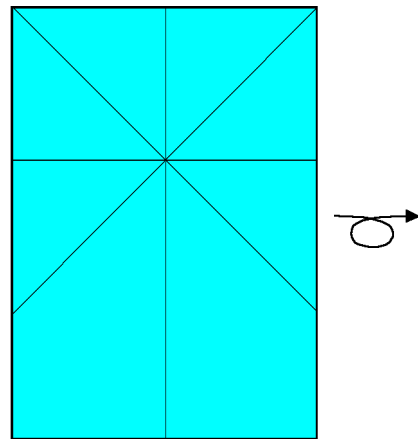
4. Turn over sideways.

5

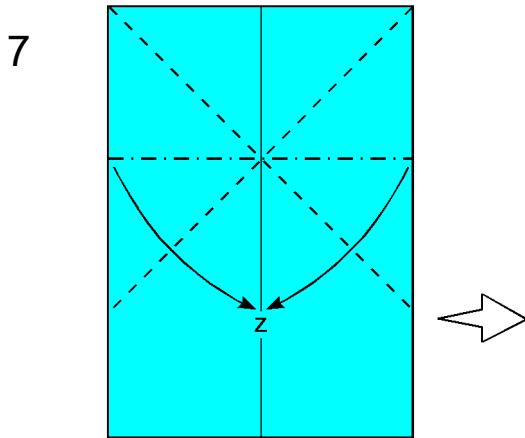


5. Create a horizontal crease that passes through the intersection of the two diagonal creases made in steps 2 and 3 by folding the top edge downwards. The points where the diagonal creases intersect the right and left edges (marked with circles) can be used to locate this fold. Crease firmly, then unfold.

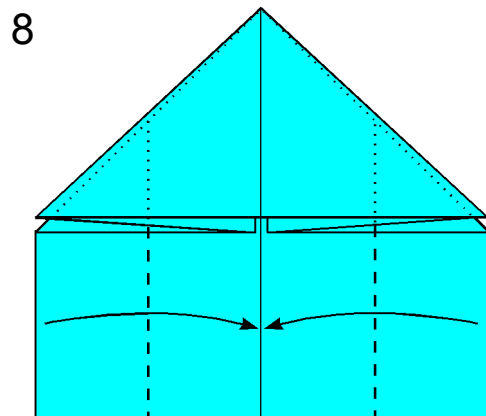
6



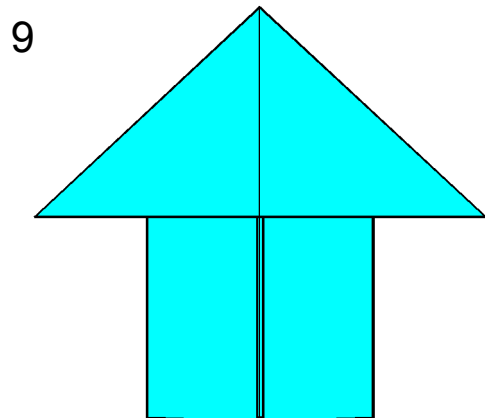
6. Turn over sideways.



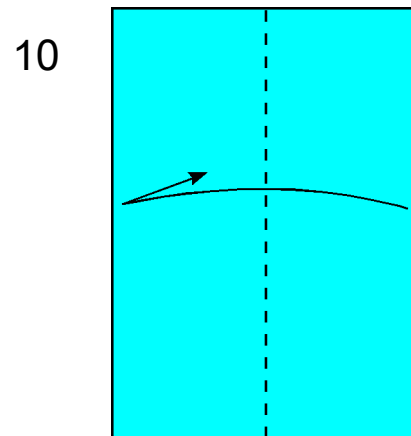
7. Fold points x and y onto point z. Make both folds at the same time, using only the existing creases. If you have followed steps 1 through 5 correctly the paper will automatically collapse into the shape shown in picture 8. The next picture is drawn on a larger scale.



8. Fold the left and right edges of the rear layers inwards to lie along the vertical crease. Try to make sure you don't crease the front flaps as you do this.

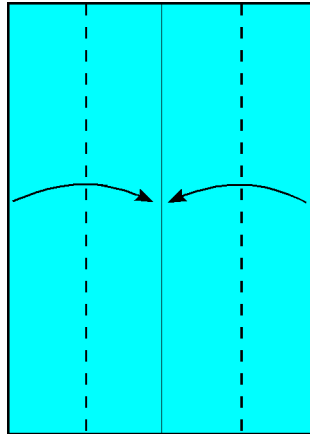


9. This is the result. It is time to add the stabiliser which is folded from a second identical sheet of paper.



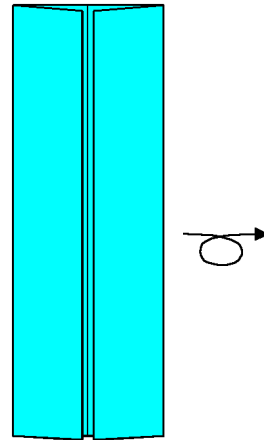
10. Fold your second sheet of paper in half from right to left, crease firmly, then unfold.

11



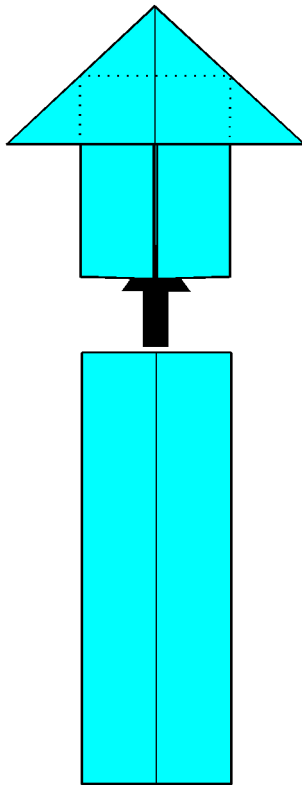
11. Fold both the right and left hand edges inwards to lie along the vertical centre crease.

12



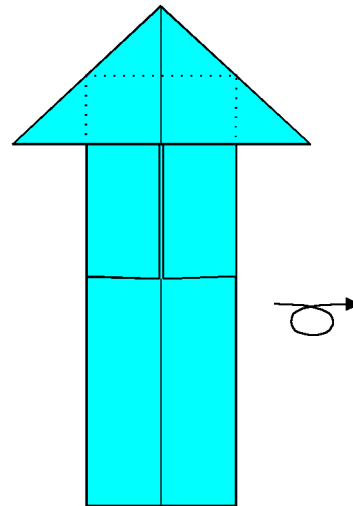
12. Turn over sideways.

13



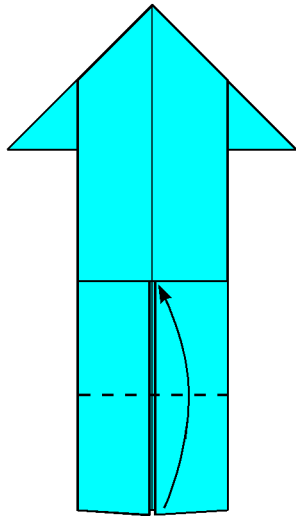
13. Push the stabiliser up inside the stand as far as it will go. The dotted line shows where the top of the stabiliser should end up. You may have to temporarily open out some of the folds of the stand to achieve this.

14



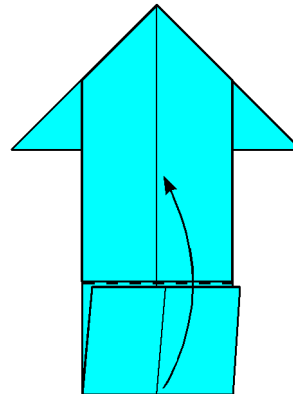
14. Turn over sideways.

15



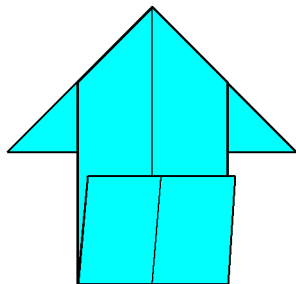
15. Fold the bottom edge of the stabiliser upwards to lie along the bottom edge of the stand.

16



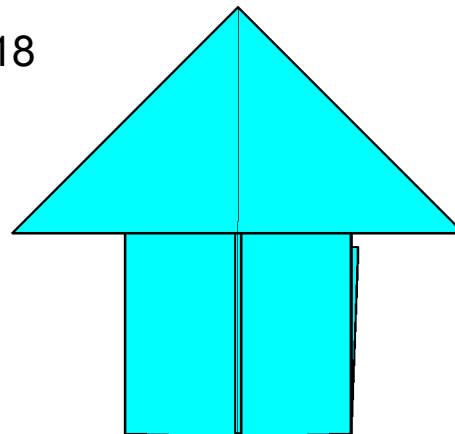
16. Fold the new bottom edge of the stabiliser upwards using the bottom edge of the stand as a guide.

17



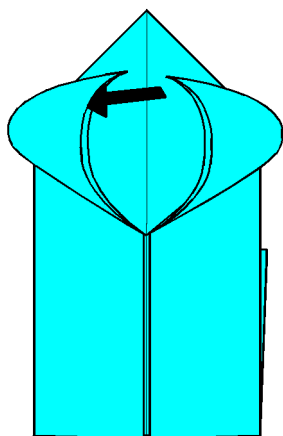
17. Turn over sideways. The next picture has been drawn to a larger scale.

18



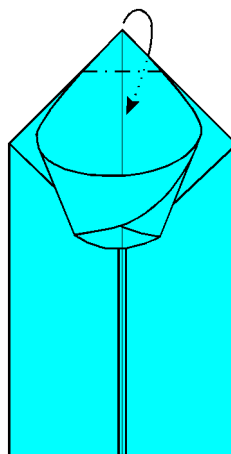
18. This is what the result should look like. To form the basket curl the front flaps upwards and inwards in the way shown in picture 19.

19



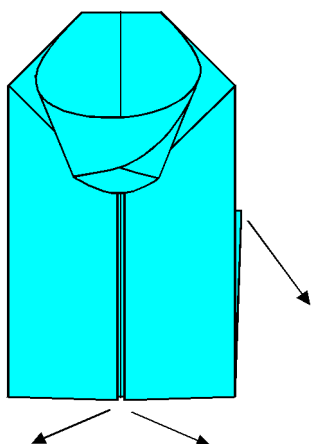
19. Insert the tip of one flap inside the other to form the basket. Slide the two flaps into each other until they are securely locked. There should be a small hole in the bottom of the basket.

20



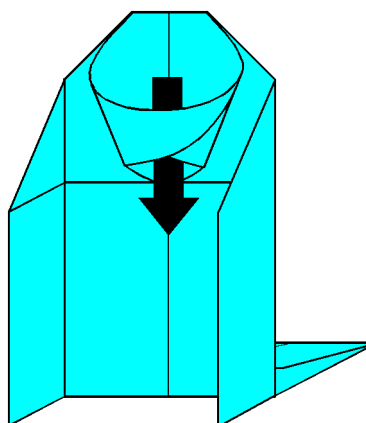
20. Fold the tip of the top point backwards to hold the sides of the basket apart.

21



21. Pull out the wings of the stand in front and lower the stabiliser behind. Allow the top layers of the stabiliser to spring upwards slightly.

22



22. The Basketball Hoop with Stabiliser is finished. Place on a flat surface and bombard with suitably sized missiles. The stabiliser will prevent the hoop falling over when you succeed in hitting it.

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