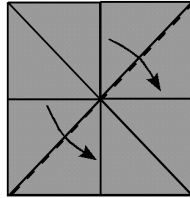


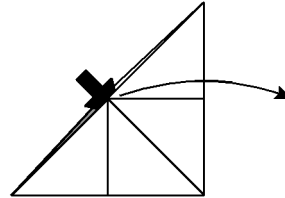
Solution to Sheep and Goats

1



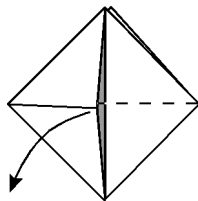
1. Fold the flexagon in half diagonally as shown.

2



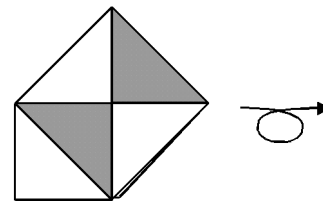
2. Separate the layers along the sloping edge and pull the front layers at the centre of the edge across to the right. Flatten to look like picture 3.

3



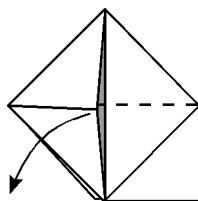
3. Pull the centre of the front layers downwards to the left.

4



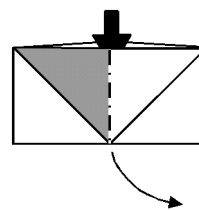
4. Turn over sideways.

5



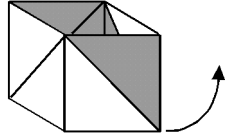
5. Repeat step 3 on this side of the flexagon.

6



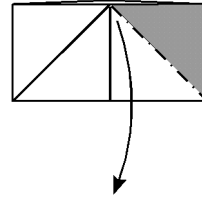
6. Open the layers and pull the front layers forwards so that the flexagon takes the shape of a square section tube.

7



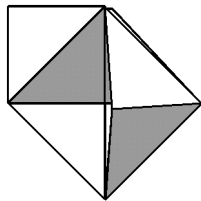
7. Squash the tube flat in the alternate direction.

8



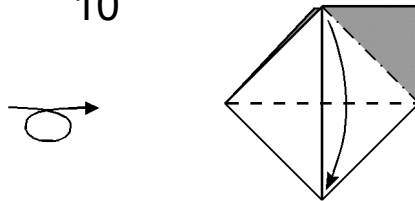
8. Pull the top of the front layers downwards.

9



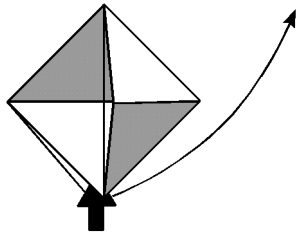
9. Turn over sideways.

10



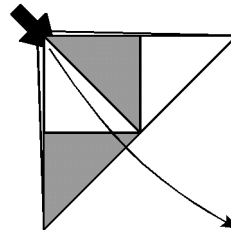
10. Pull the top of the front layers downwards. This is a repeat of step 8.

11



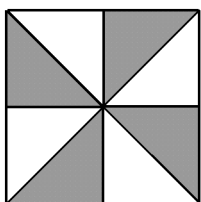
11. Separate the layers at the bottom and pull the bottom point of the front layers diagonally upwards to the right.

12



12. Separate the layers at the top left corner and fold the front layers diagonally downwards to the right.

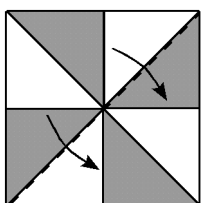
11



11. The sheep and goats have been successfully mixed.

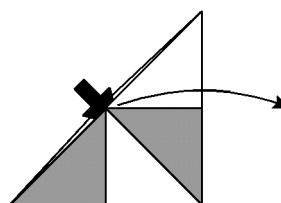
Alternatively you can begin with the flexagon in a mixed state and separate the sheep and goats like this:

12



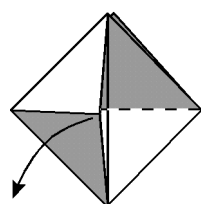
12. Fold the flexagon in half diagonally as shown.

13



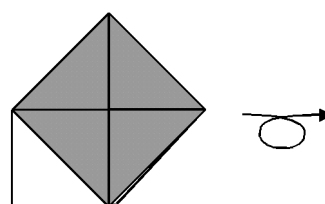
13. . Separate the layers along the sloping edge and pull the front layers at the centre of the edge across to the right. Flatten to look like picture 3.

14



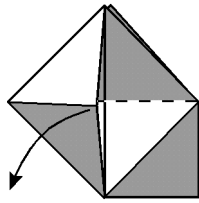
14. Pull the centre of the front layers downwards to the left.

15



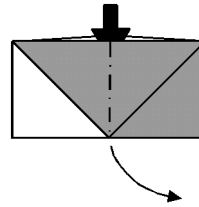
15. Turn over sideways.

16



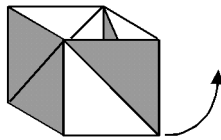
16. Repeat step 14 on this side of the flexagon.

17



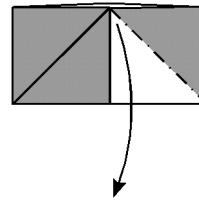
17. Open the layers and pull the front layers forwards so that the flexagon takes the shape of a square section tube.

18



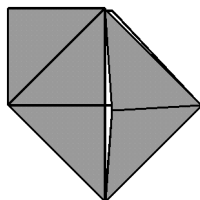
18. Squash the tube flat in the alternate direction.

19



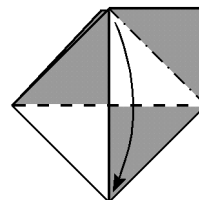
19. Pull the top of the front layers downwards.

20



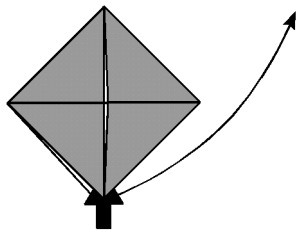
20. Turn over sideways.

21

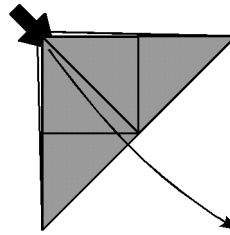


21. Pull the top of the front layers downwards. This is a repeat of step 19.

22



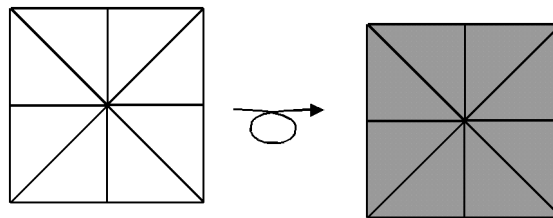
23



22. Separate the layers at the bottom and pull the bottom point of the front layers diagonally upwards to the right.

23. Separate the layers at the top left corner and fold the front layers diagonally downwards to the right.

24



24. The sheep have been separated from the goats.

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