



RELAX. MAKE TIME.

ORIGAMI CACTUS KIT

BUILD 5 BEAUTIFUL DESKTOP-SIZED CACTI

KEY

valley fold



mountain fold



fold



fold and unfold



flip over



rotate the model



repeat the step on layers behind



press or push



cut



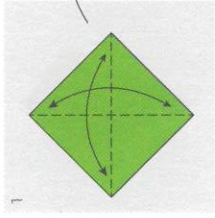
taking a closer look



CACTUS

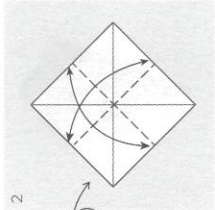
REQUIRES TWO 14CM X 14CM SHEETS

1



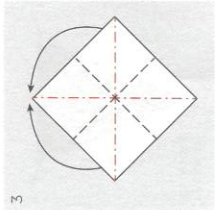
Starting with your paper colour side up, create horizontal and vertical creases by folding the paper in half and unfolding.

2



Flip the paper over. Make diagonal creases by folding the paper diagonally in half and unfolding it.

3



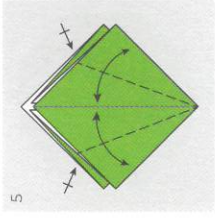
Bring the left and right points up to the top point, followed by the lower point.

4



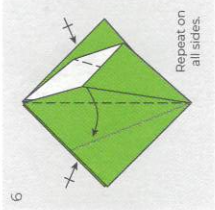
Flatten the square base and make sure that the open end is at the top.

5



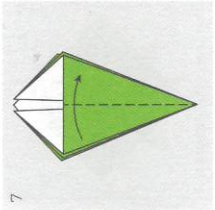
Fold the lower left and right edges in to align with the central crease and unfold. Repeat on the back.

6



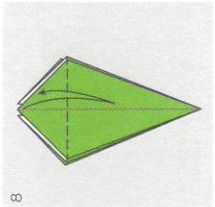
Open out the right section, using a crease you made in the previous step and squash fold it to the left. Repeat this on all edges.

7

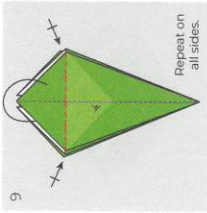


Flip the left section over to the right so that you have a Kite shape.

8

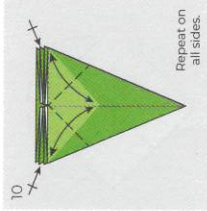


Fold the top point down as indicated and unfold.



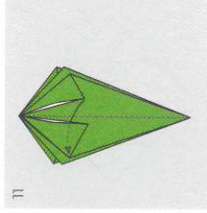
Repeat on all sides.

Fold the top point down and inside, opening up the paper a bit if needed. Repeat steps 9 and 10 on all sides.



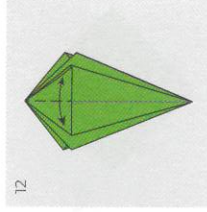
Repeat on all sides.

Make sure that the triangular flap is directly beneath the top layer. Fold the top left and right points diagonally down aligning with the central crease and unfold. Repeat this step for the other three sides.



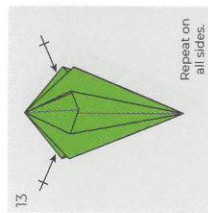
11

Insert the right flap into the left flap. You may need to bend the right flap in order for it to slot in easily.



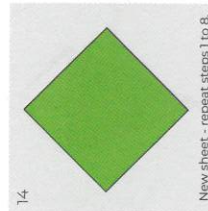
12

Make a vertical crease by folding the left section over to the right and unfold.



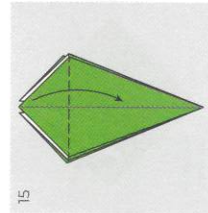
Repeat on all sides.

Repeat steps 11 and 12 on the other three sides.



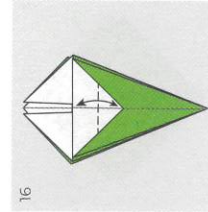
New sheet - repeat steps 1 to 8.

If you are making a taller cactus, get a second sheet and repeat steps 1 to 8.



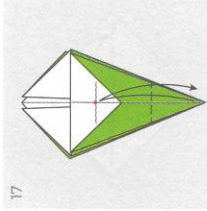
15

Fold the top flap down as indicated.



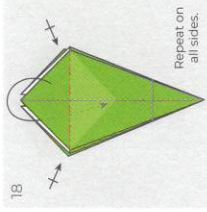
16

Fold the bottom point of the flap up to meet the top edge of the flap.



17

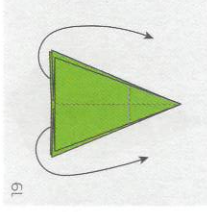
Whilst holding the paper steady, fold the bottom point up to the middle of the intersecting creases (indicated by the red dot) and unfold.



18

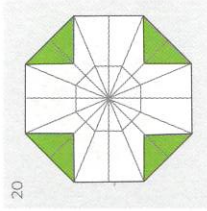
Repeat on all sides.

Next, fold the flap up and over inside the model. Repeat this step on the other three sides.



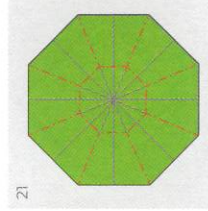
19

Open out the paper and flatten it out.



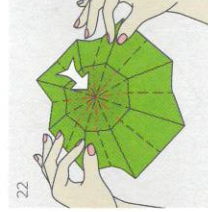
20

This is what your paper should look like.



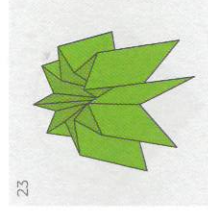
21

Flip the paper over to the other side. The red lines are the creases that you need to pinch in the next step.



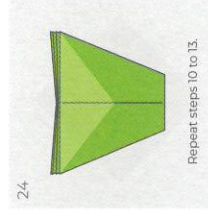
22

Sink fold the central octagon shape by pushing the middle down whilst pinching the creases on the sides and pushing inwards.



23

This is what your model should look like.



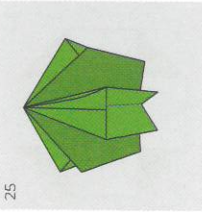
24

Repeat steps 10 to 13.

Rotate and flatten the layers. Make sure you have equal flaps on each side. The triangular flap should also be directly beneath the top layer.

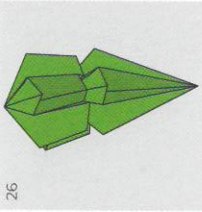
SOIL

REQUIRES ONE 9.5CM X 9.5CM SHEET



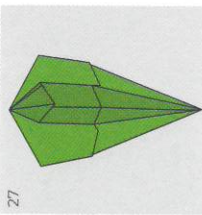
25

Do steps 10 through 13 to one of your pieces to finish the top of the cactus.



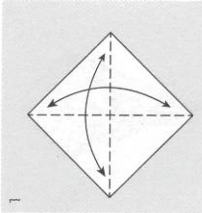
26

You can now slot the second cactus on top of the first.



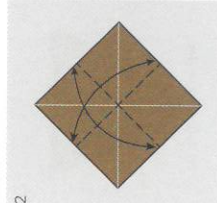
27

They should rest securely together. Use a dab of glue to keep them in place if necessary.



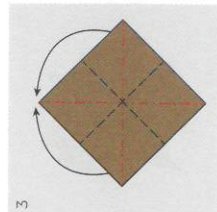
1

Starting with your paper white side up, create horizontal and vertical creases by folding the paper in half and unfolding.



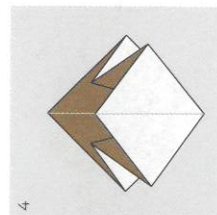
2

Flip the paper to the other side. Make diagonal creases by folding the paper diagonally in half and unfolding.



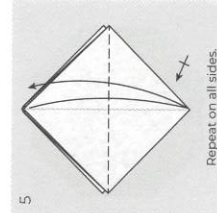
3

Bring the left and right points up to the top point, followed by the lower point.



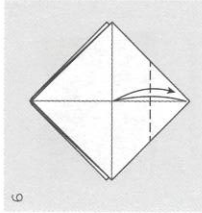
4

Flatten the paper and make sure that the open end is at the top.



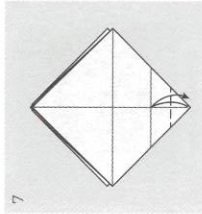
5

Fold the top point down to the bottom point and unfold. Repeat this step on the other three sides.



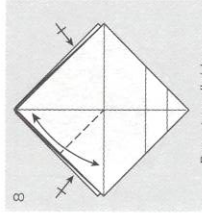
6

Fold the bottom point up to where the horizontal and vertical creases intersect, crease well and unfold.



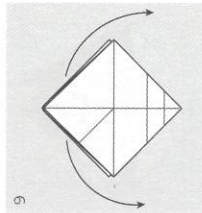
7

Fold the bottom point up to the intersecting creases of the previous step, crease well and unfold.



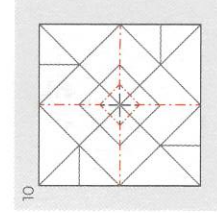
8

Create a diagonal crease by taking the top point of the front-most layer diagonally down to the left point and unfold. Repeat this step on the other three sides.



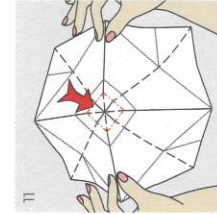
9

Open the paper out completely.



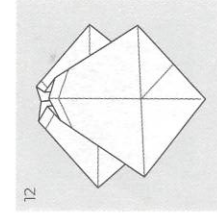
10

The lines indicated in red are mountain folds, which you'll need to pinch in the next step.



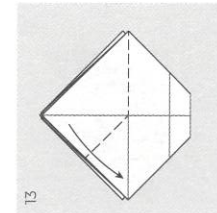
11

Pick up the paper and sink fold the small square shape in the middle.



12

Your sink fold should look like this.

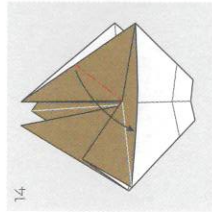


13

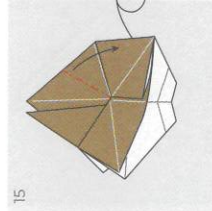
Flatten and rotate the paper so that the open end is again at the top. Re-fold the top point diagonally down, making the model become three dimensional.

MASU BOX

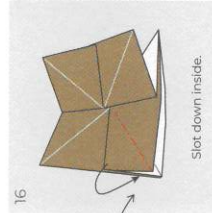
REQUIRES ONE 14CM X 14CM SHEET



Pick up the model and continue to re-fold the creases...

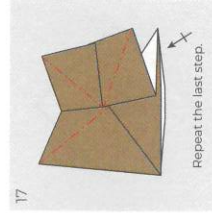


...you made in steps 8 and 9.



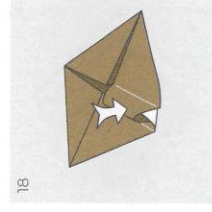
Slot down inside.

Focus on the lower left flap and open the model a bit so that you can slot this flap down inside.

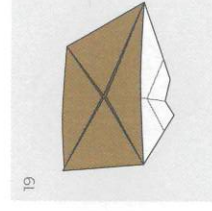


Repeat the last step.

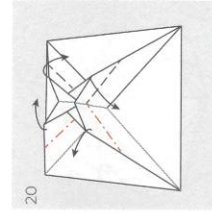
Repeat the last step on the other three flaps.



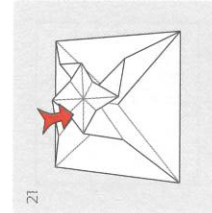
The last flap may be a little tricky to slot in; carefully bend the flap and wiggle it into place.



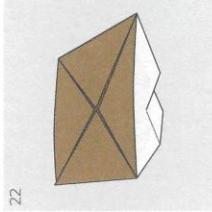
The soil is almost finished! Flip the model over.



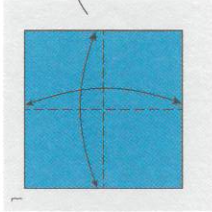
Push on the edges of the inner star shape, and flatten them all clockwise.



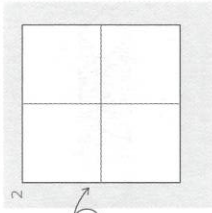
Flatten the middle square shape a little.



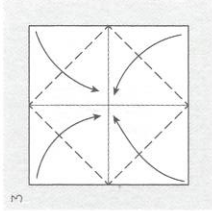
Flip the model over. The soil is now done!



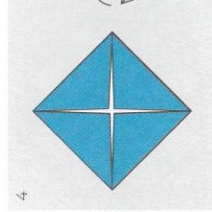
Fold the paper in half from left to right and top to bottom and unfold.



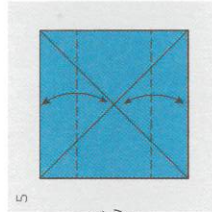
Flip the paper over to the other side.



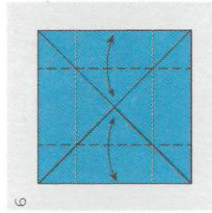
Fold all four points into the middle.



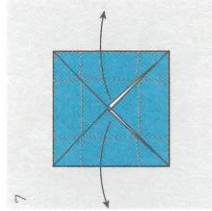
Rotate the paper.



Fold the top and bottom edges to meet the middle point and unfold.



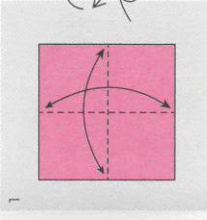
Fold the left and right edges to the middle and unfold.



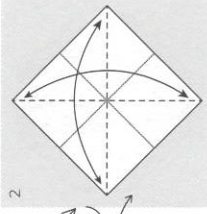
Unfold the left and right points out.

TAPERED POT

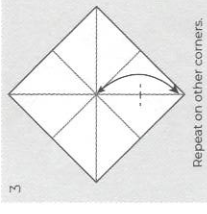
REQUIRES ONE 12.5CM X 12.5CM SHEET



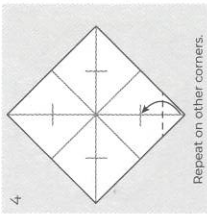
Starting colour side up, create horizontal and vertical creases by folding the paper in half from left to right and top to bottom and unfold.



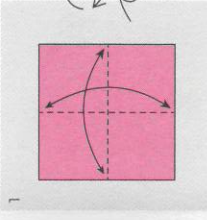
Rotate and flip the paper over to the other side. Fold the paper in half from left to right, and top to bottom and unfold.



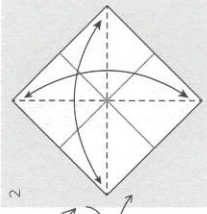
Take the bottom point up to the centre, creating a small crease where indicated, and unfold. Repeat this step on the other three points.



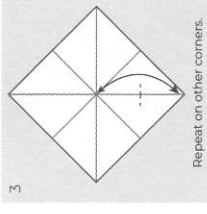
Fold the bottom point up to the crease you made in the previous step. Rotate the paper to repeat this on the other three points.



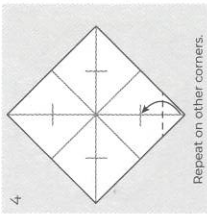
Fold the top and bottom edges to the middle and unfold.



Fold the left and right edges to the middle and unfold.



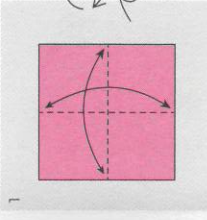
Take the bottom edge up to the intersecting crease that is indicated by the top red dot. Crease only the middle section that is indicated by the dotted line and unfold.



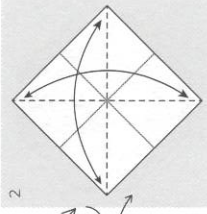
Rotate the paper, repeating the last step on the other three edges.



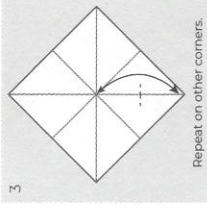
Open up the middle section.



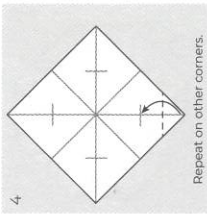
Bring the left and right ends up, making the box three-dimensional.



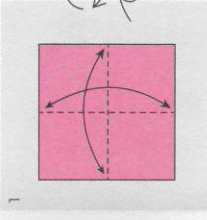
Continue to push the sides up.



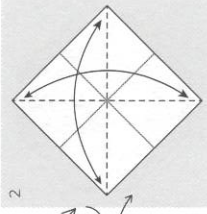
Re-fold the top and bottom edges to the middle.



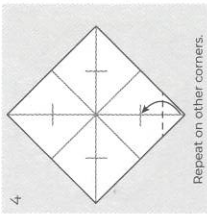
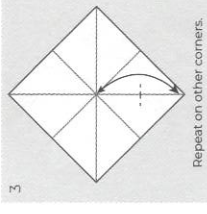
Finally, bring the left flap over and inside the box.

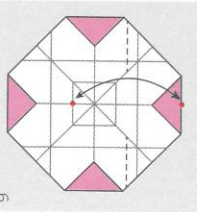


Fold the flap on the right over and inside the box.

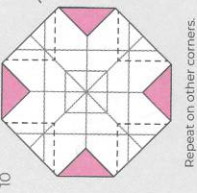


The masu box is done!

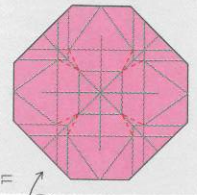




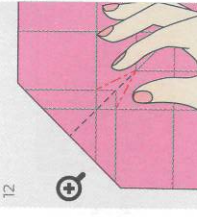
Bring the bottom edge up to meet the top edge of the small square shape and crease only the left and right sides indicated by the dotted lines and unfold.



Rotate the paper, repeating the last step on the other three edges.



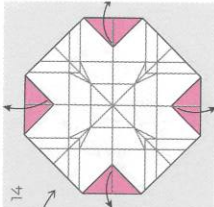
Flip the paper over to the other side. You will be creating the V-shaped mountain folds indicated by the red lines in the next step.



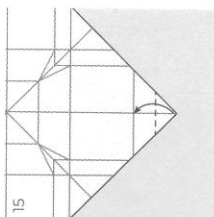
Pick up the paper, focusing on the top left area, and create a V-shaped mountain fold by pinching the paper together. Alternatively, use a scoring tool to make it easier.



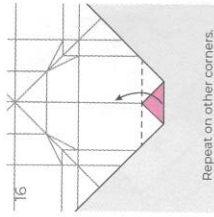
This is what you should see when creating the V-shaped mountain fold. Repeat this for the other three corners.



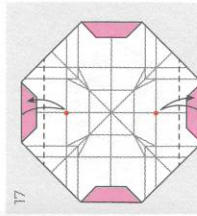
Flip the paper over to the other side and open out all of the corner folds.



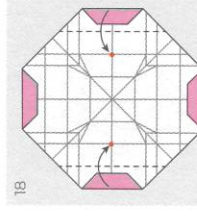
Fold the bottom point up to the crease indicated.



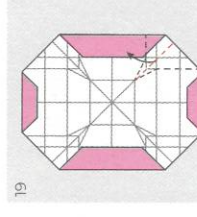
Refold the bottom crease up again. Repeat steps 15 and 16 on the other three points.



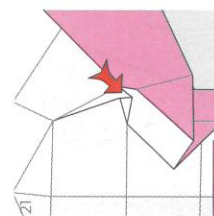
Fold the top and bottom edges to the creases indicated by the red dots and unfold.



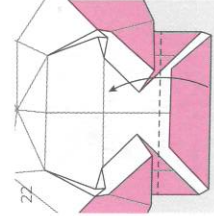
Fold the left and right edges to the creases indicated by the red dots.



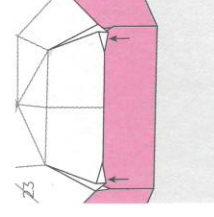
Pick up the paper and refold the diagonal V-shaped crease you created in steps 12 and 13.



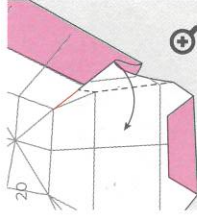
Use your finger, a chopstick or the blunt end of a pencil to flatten the little triangular flap down. Repeat steps 19 to 21 on the left side.



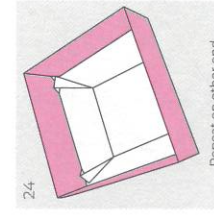
Fold the bottom edge up along the pre-existing crease.



Tuck the flap underneath the two small triangular flaps you created in step 21.



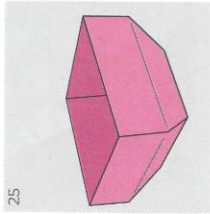
Making sure that the inner flap indicated by the red line is in the correct position, fold the lower end of that flap over to the left.



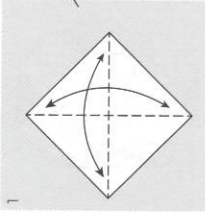
Repeat steps 19 to 23 on the other end of the box.

CACTUS FLOWER

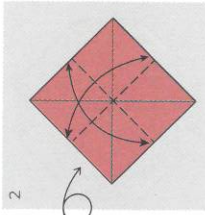
REQUIRES ONE 8CM X 8CM SHEET



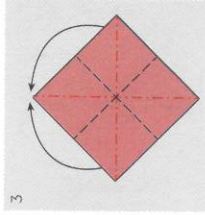
Your tapered pot is now complete!



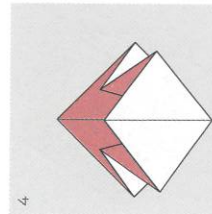
Starting with your paper white side up, create horizontal and vertical creases by folding the paper in half and unfolding.



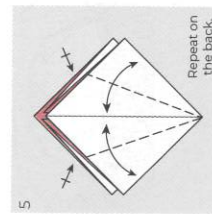
Flip the paper to the other side. Make diagonal creases by folding the paper diagonally in half and unfolding.



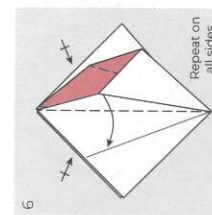
Bring the left and right points up to the top point, followed by the lower point.



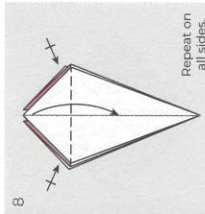
Flatten the paper and make sure that the open end is at the top.



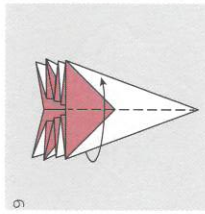
Fold the lower right diagonal edge in to align with the central vertical crease and unfold.



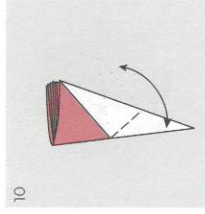
Using the crease you made in the previous steps, open out the right flap and squash fold it to the left. Repeat steps 5 and 6 on the other three edges.



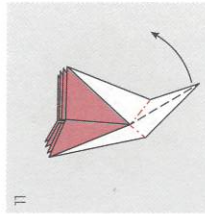
Fold the top point down as indicated. Repeat this step on the other three edges.



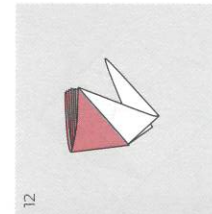
Make sure you have an equal number of flaps on each side and fold the left flaps over to the right.



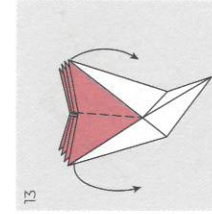
Fold the bottom point diagonally up and unfold.



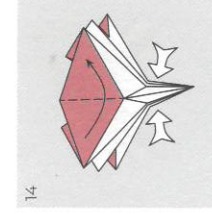
Inside reverse fold the bottom point using the crease you made in the previous step, making sure there are equal flaps on the left and right.



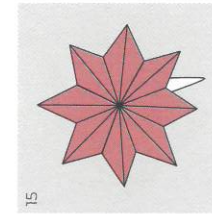
This is what your model should look like.



Whilst pinching the stem of the flower, pinch the left and right points of the top section together.



Flip the flower over to the front and straighten out the points so that they are equally spaced.



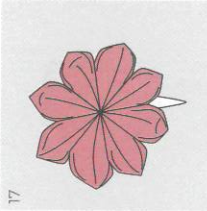
KIRIGAMI FLOWER

REQUIRES ONE 8CM X 8CM SHEET



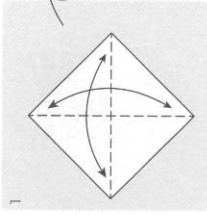
16

You can round out the petals of the flower by shaping them with your fingers.



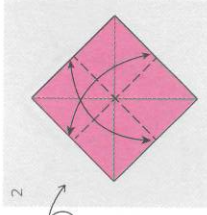
17

Your kirigami flower is now complete.



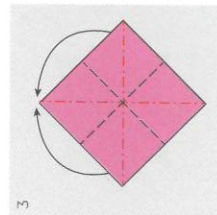
1

Starting with your paper white side up, create horizontal and vertical creases by folding the paper in half and unfolding.



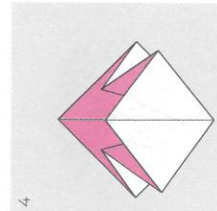
2

Flip the paper to the other side. Make diagonal creases by folding the paper diagonally in half and unfolding.



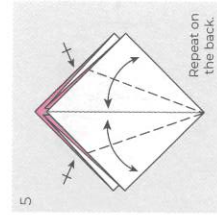
3

Bring the left and right points up to the top point, followed by the lower point.



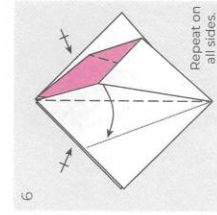
4

Flatten the paper and make sure that the open end is at the top.



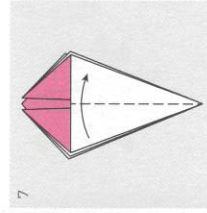
5

Fold the lower right diagonal edge in to align with the central vertical crease and unfold. Repeat on the back.



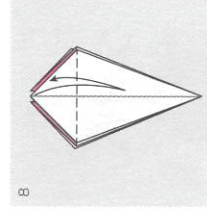
6

Using the crease you made in the previous step, open out the right flap and squash fold it to the left. Repeat steps 5 and 6 on the other three edges.



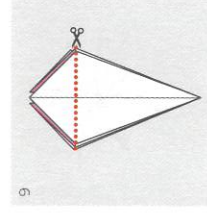
7

Fold the left flap over to the right so that you have a kite shape.



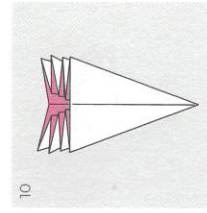
8

Fold the top point down as indicated and unfold.



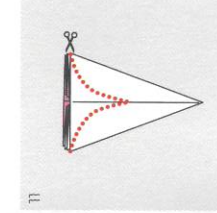
9

Cut the top part off, using the crease you made in the previous step as a guide.



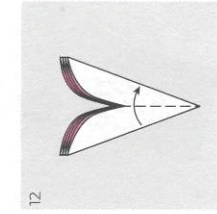
10

Make sure you have an equal number of flaps on the left and right.



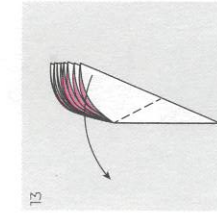
11

You can draw a guide as indicated by the red line. Cut along the guide.



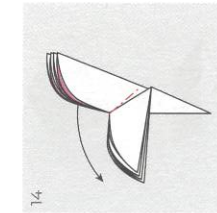
12

Fold the left flaps over to the right.



13

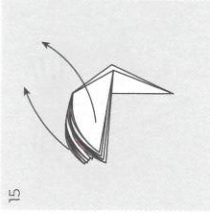
Fold four flaps diagonally over to the left.



14

Fold the remaining flaps diagonally behind and to the left.

15



Bring the flaps back up, leaving some behind.

16



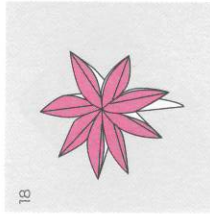
Position all the petals evenly apart.

17



Open out each petal. You can use your finger to shape the petals.

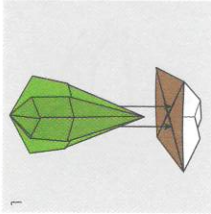
18



The kirigami flower is now complete.

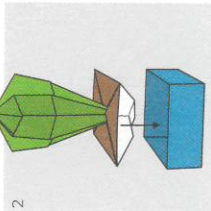
FINAL CONSTRUCTION

1



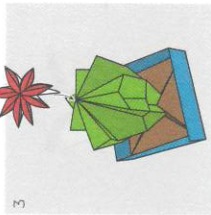
Slot the cactus into the soil section. You will need to pinch two edges together on each side to make it easier.

2



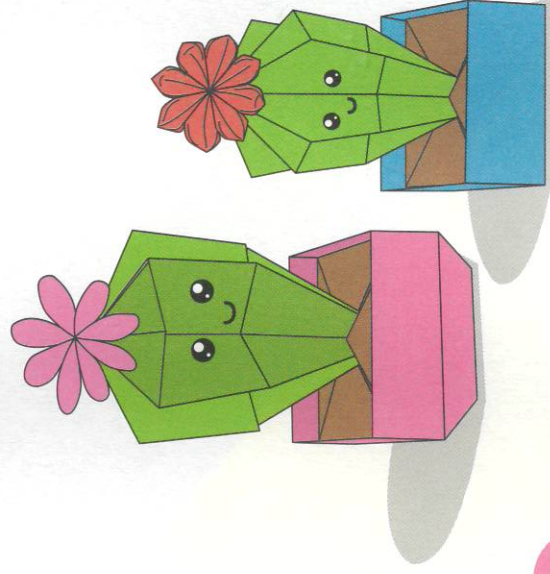
Place the cactus and soil into the masu box or the tapered pot.

3



Slot the stem of the flower into the hole at the top of the cactus.

CONGRATULATIONS!



Paper Kawaii

Folding instructions provided by Paper Kawaii.
www.paperkawaii.com