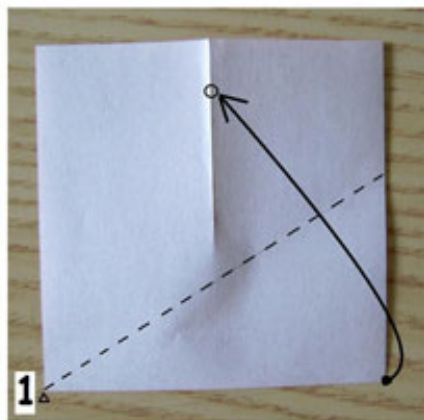
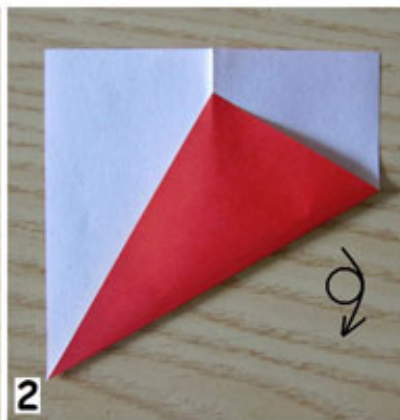


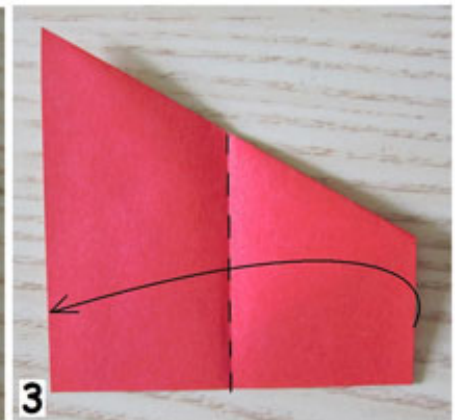
6-PIECE HEXAGONAL COASTER [CIRCUS SEVEN PUZZLE]



1



2



3

White side up. Add in the middle line with Mountain creases. Crease only the top leaving about 1/3 uncreased. Then pivot on the bottom-left corner, fold the bottom-right corner to the middle crease mark.



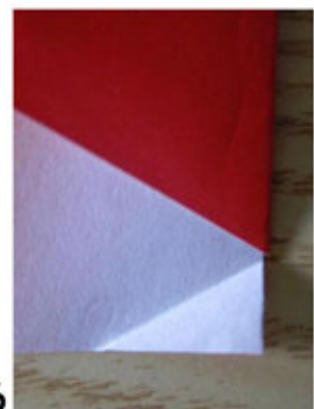
4

Align the closed edge to raw edge.



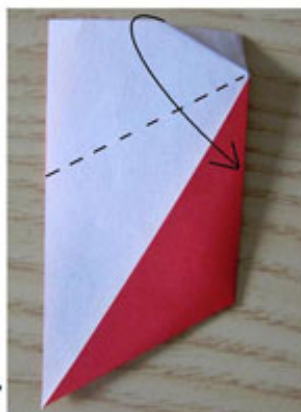
5

Crease and unfold.



6

Turn over, top-side down.



7

Fold the top layer, aligning the mountain crease to the right closed edge.



8

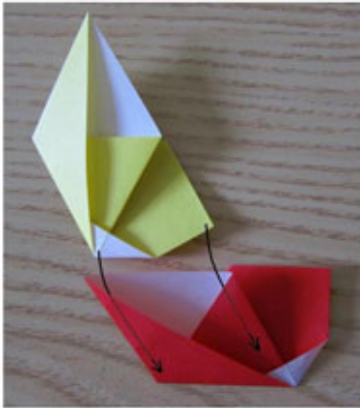
Tuck x under.



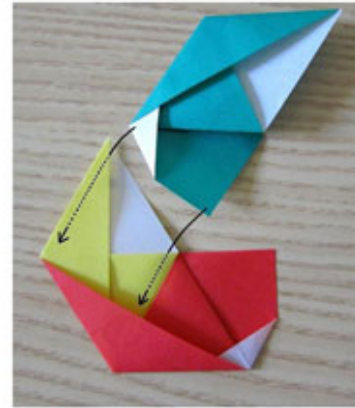
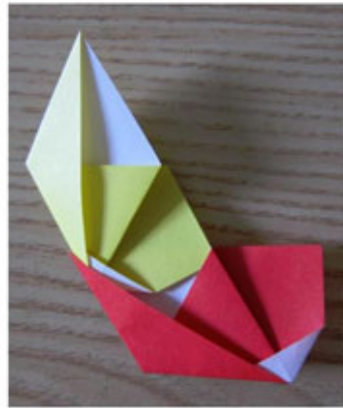
9

Module complete.
Make 6 and assemble.

ASSEMBLY



Insert the 2nd. module.



2 Modules assembled.
Insert the 3rd. Module.



3 Modules assembled [left]. Assemble another 3 Modules [right] and connect as shown.



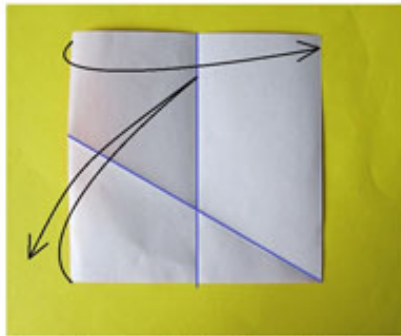
Assemble 7 coasters as shown to make the "Circus Seven" puzzle.

The object of the puzzle is to arrange the 7 Hexagons so that the colours of their adjacent edges matches.

The solution is shown here but there are other possibilities.



6-PIECE HEXAGONAL COASTER #2



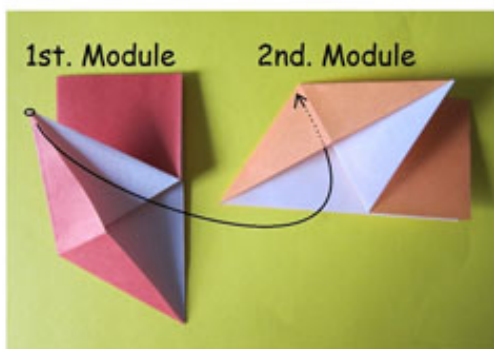
White side up. Make the 60 degree crease line and then do a book-fold.



Fold up 1 layer along the existing crease, converting it to a valley fold.



Module complete.



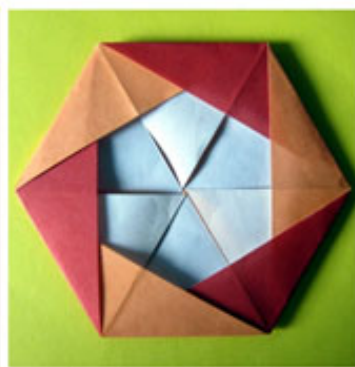
Insert the flap of the 1st. Module into the pocket of the 2nd. Module.



Fold the corner in between the layers to lock.



2 Modules locked. Add in 4 more.



Complete [Front]

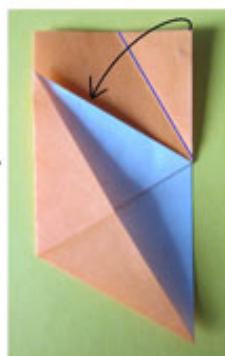


Back view.

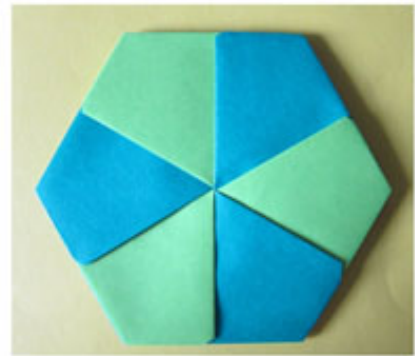
Mountain ———
Valley ———

Variation on the back of the module.

Photo diagrams and Module by Francis M.Y. Ow 191013



Module complete.



Back view.

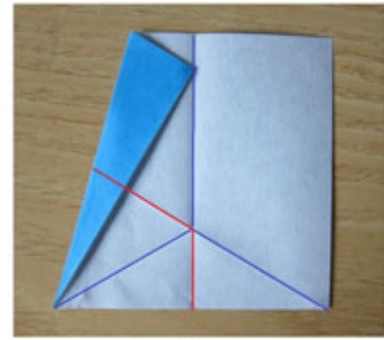
VARIATION C



Unfold the Module.



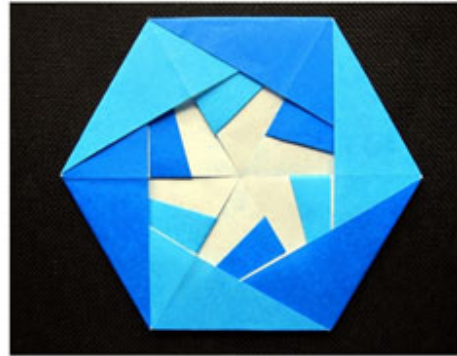
Note the location points.



Re-fold.



Module for
Variation C complete.



6-Piece Coaster #2 - C

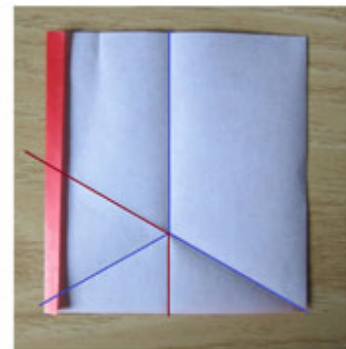
VARIATION D



Unfold the Module.



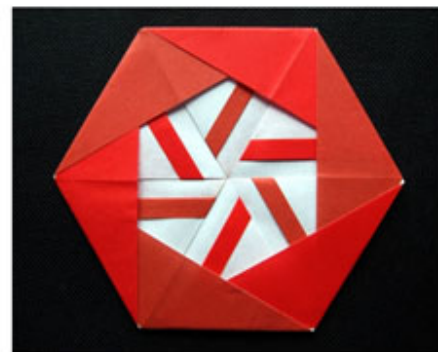
Note the location points.



Re-fold.



Module for
Variation D complete.



6-Piece Coaster #2 - D

Photo Diagrams
and Modules by
Francis M.Y Ow
201013

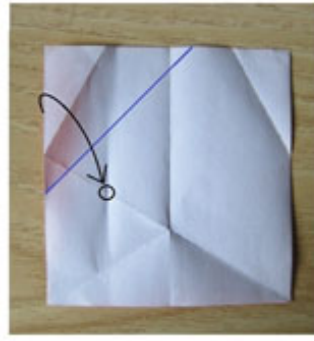
VARIATION E



Unfold the Module.



Crease.



Make a 45 degree fold.



Re-fold.



Module for Variation E complete.



6-Piece Coaster #2 - E

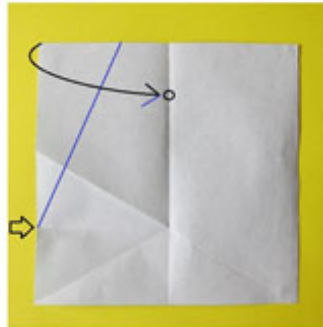
VARIATION F



Unfold the Module.



Crease to mark.



Note the location points.



Re-fold.

Photo Diagrams
and Modules by
Francis M.Y Ow
201013



Module for Variation F complete.



6-Piece Coaster #2 - F

VARIATION G



Note location points.



Unfold completely.



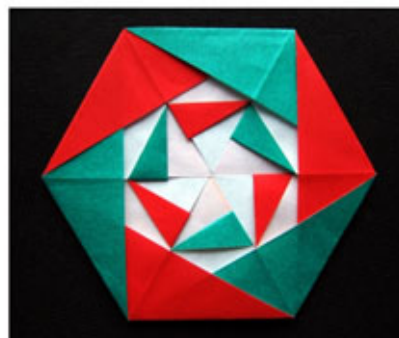
Fold along the crease line.



Re-fold.



Module for
Variation G complete.



6-Piece Coaster #2 - G

VARIATION H



Unfold the
Module.



Note the location points.



Re-fold.



Module for
Variation H complete.



6-Piece Coaster #2 - H

Photo Diagrams
and Modules by
Francis M.Y Ow
201013

VARIATION J



Bring the bottom layer to the front.



Module for Variation J complete.



6-Piece Coaster #2 - J

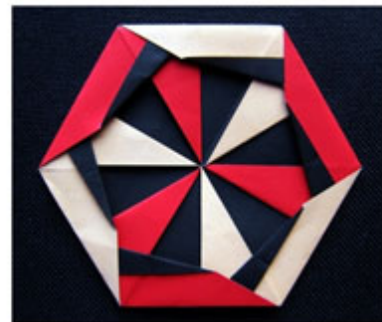
VARIATION K



Variation H Module.

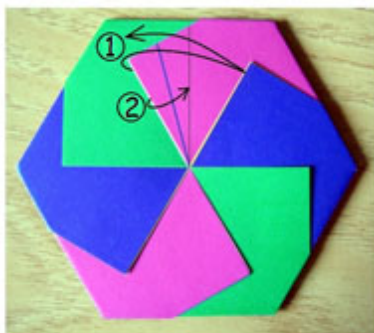


Module for Variation K complete.



6-Piece Coaster #2 - K

BACK VARIATION



Fold 1 layer only



Repeat for all the other flaps.



VARIATION L



Squash.



Crease.



Crease.



Module for
Variation L complete.



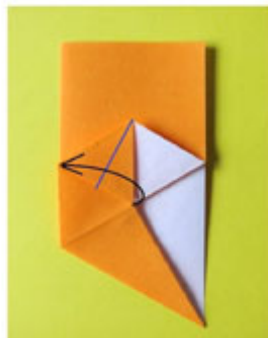
[Back]

6-Piece Coaster #2 - L



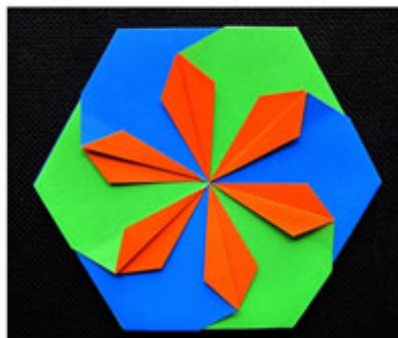
[Front]

VARIATION M



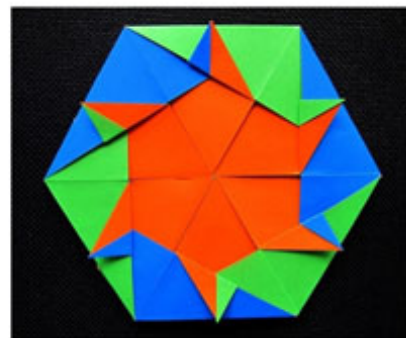
Another method is
to assemble the 6
modules as in step 2.
After assembling,
fold up the flaps as
in step 3 to complete.

Module for
Variation M complete.



[Back]

6-Piece Coaster #2 - M



[Front]

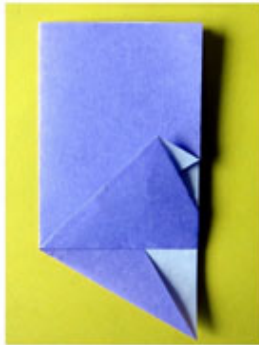
VARIATION N



Crease to mark.



Fold to crease mark.

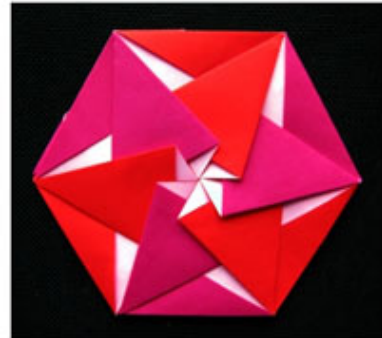


Module for
Variation N complete.



[Back]

6-Piece Coaster #2 - N



[Front]

BACK VARIATION



Front



Back