

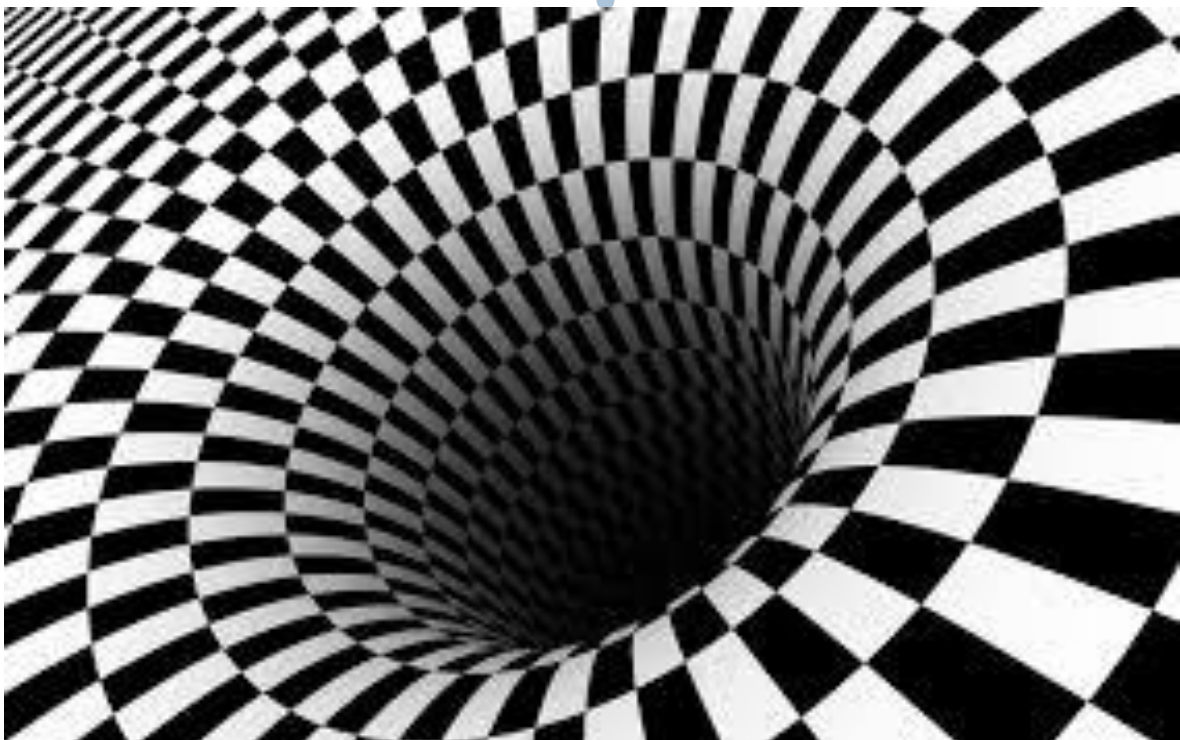


---

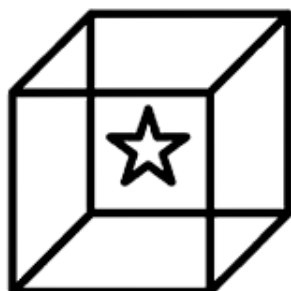
# YEAR 10 ELC - ART HOMEWORK BOOK

---

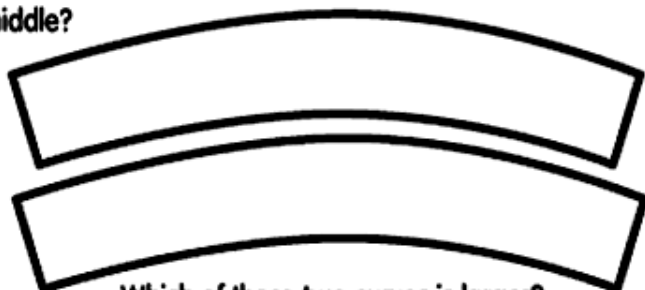
[Document subtitle]



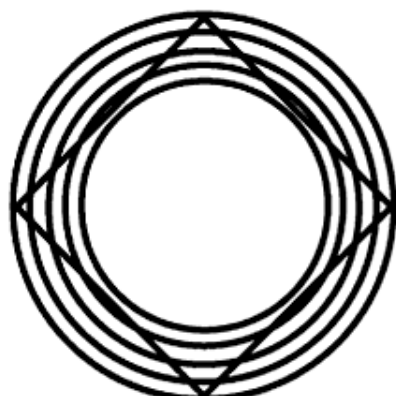
# EYE ILLUSIONS



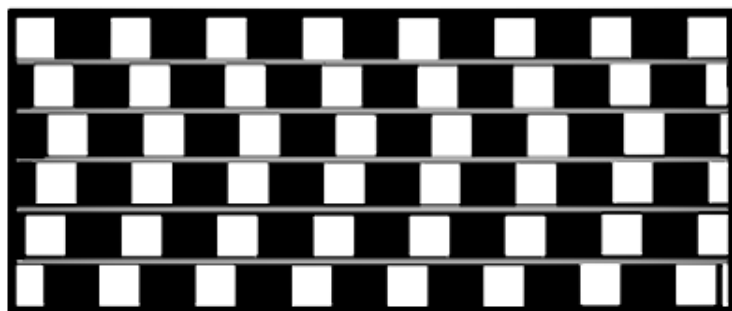
Which side of the box is the star on? Is it in the front or on the back of the box? Is it suspended in the middle?



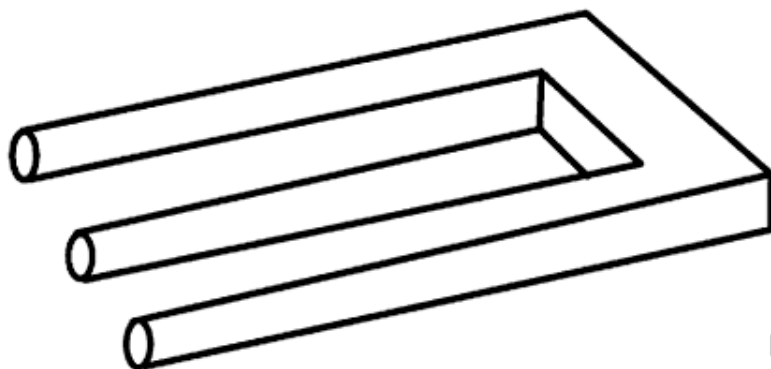
Which of these two curves is larger?  
The top curve or the bottom curve?  
Actually, both curves are the same size and length.



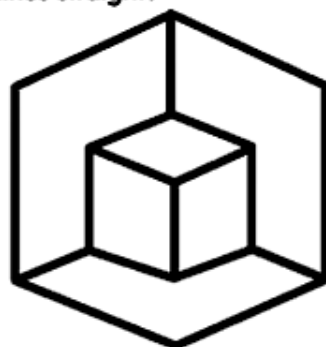
Is the square bent?



Are the grey lines straight?

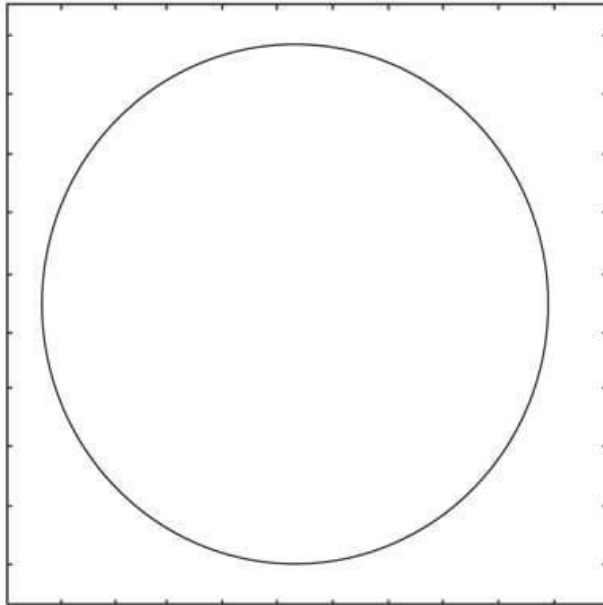


Look at this again. How many prongs are there?



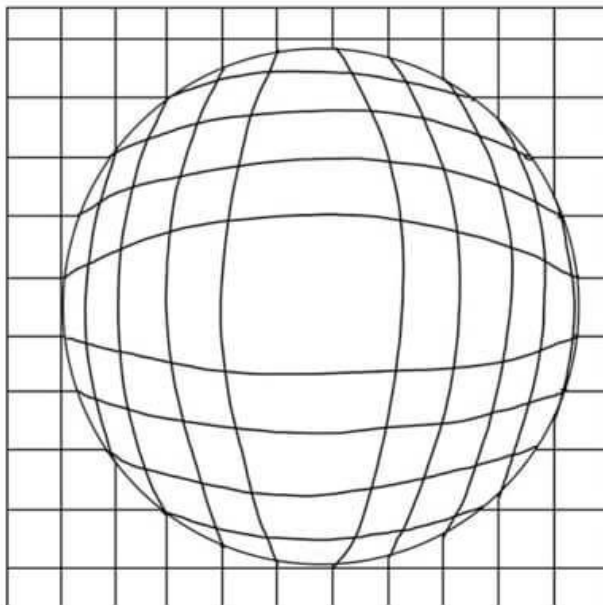
Is there a corner missing or is there a small box in front of a large box?

## CREATING OPTICAL ILLUSIONS – OP ART



### THE BULGE

1. Draw a square about 18 cm x 18 cm.
2. Mark 1.5 or 2 cm intervals on all 4 sides of the square.
3. Draw one large circle on the square, or several smaller ones.



4. Connect the marks on opposite sides of the square with straight lines. When you come to the circle gently curve the line as if you are moving over the surface of a sphere then continue to the other mark in a straight line.
5. Colour an alternating black and white pattern, or work with tints and shades of colours to emphasize the illusion of depth.
5. Check out Victor Vasarely's artwork on the Internet to see how he used colour in his bulge paintings.

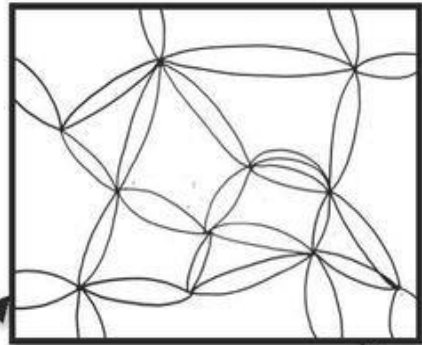
# op art:

*a style of abstract art that creates optical illusions with lines, shapes, and forms*

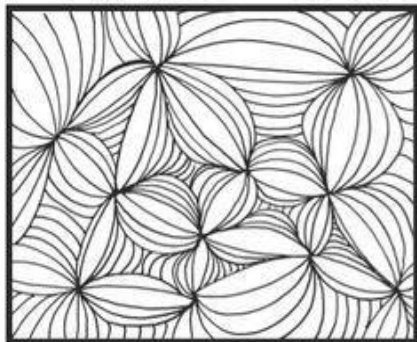


← step one:  
draw 7 - 15 dots  
randomly on your paper

step two: →  
connect the dots with  
curved lines.



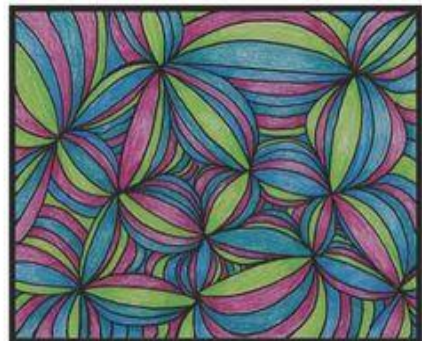
some curved lines should go off the page to an imaginary dot



← step three:  
keep adding curved lines  
from dot to dot, making  
larger curves. add curved  
lines until the page is full.

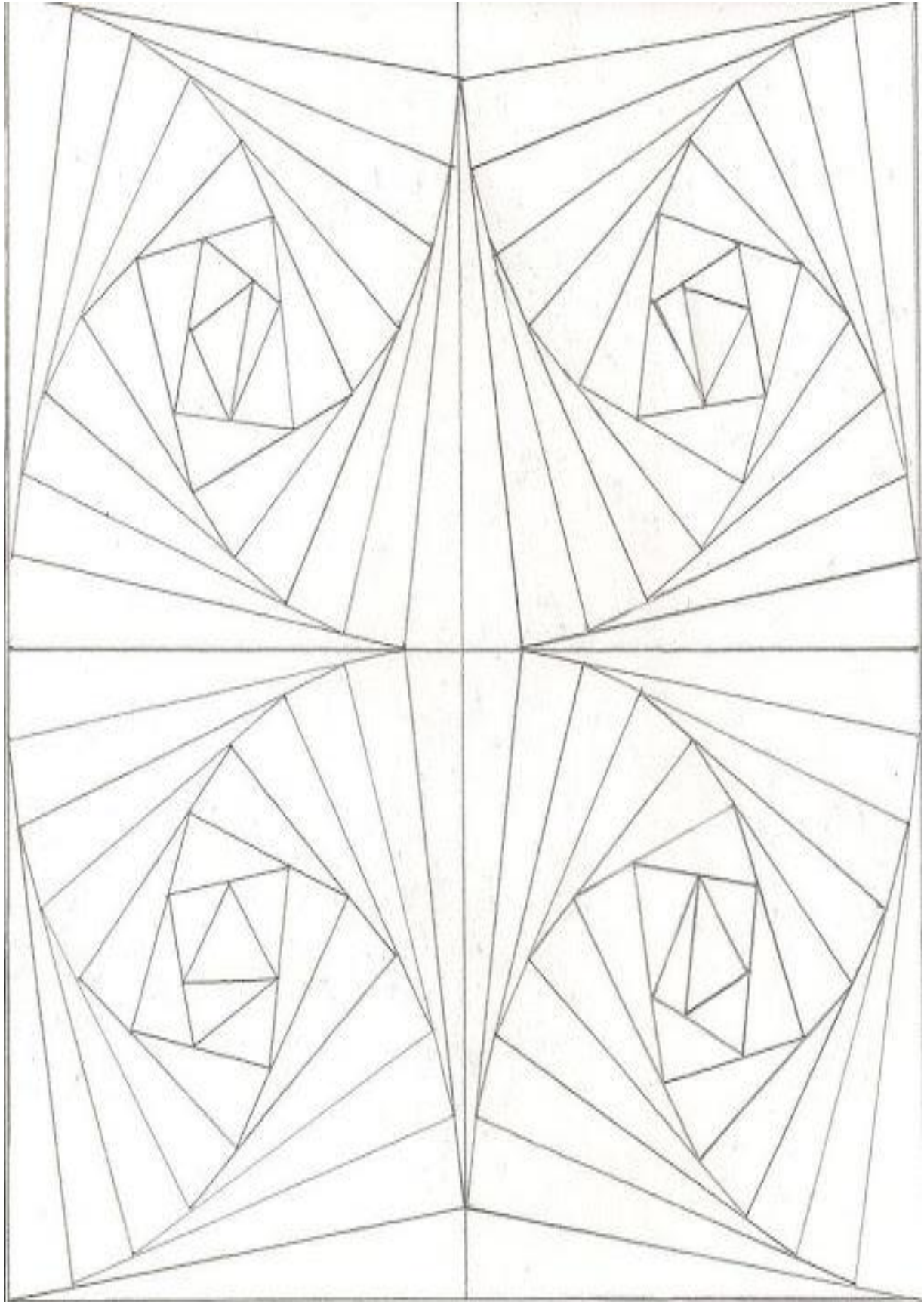
[\*straight lines will make it look flat,  
not 3-d]

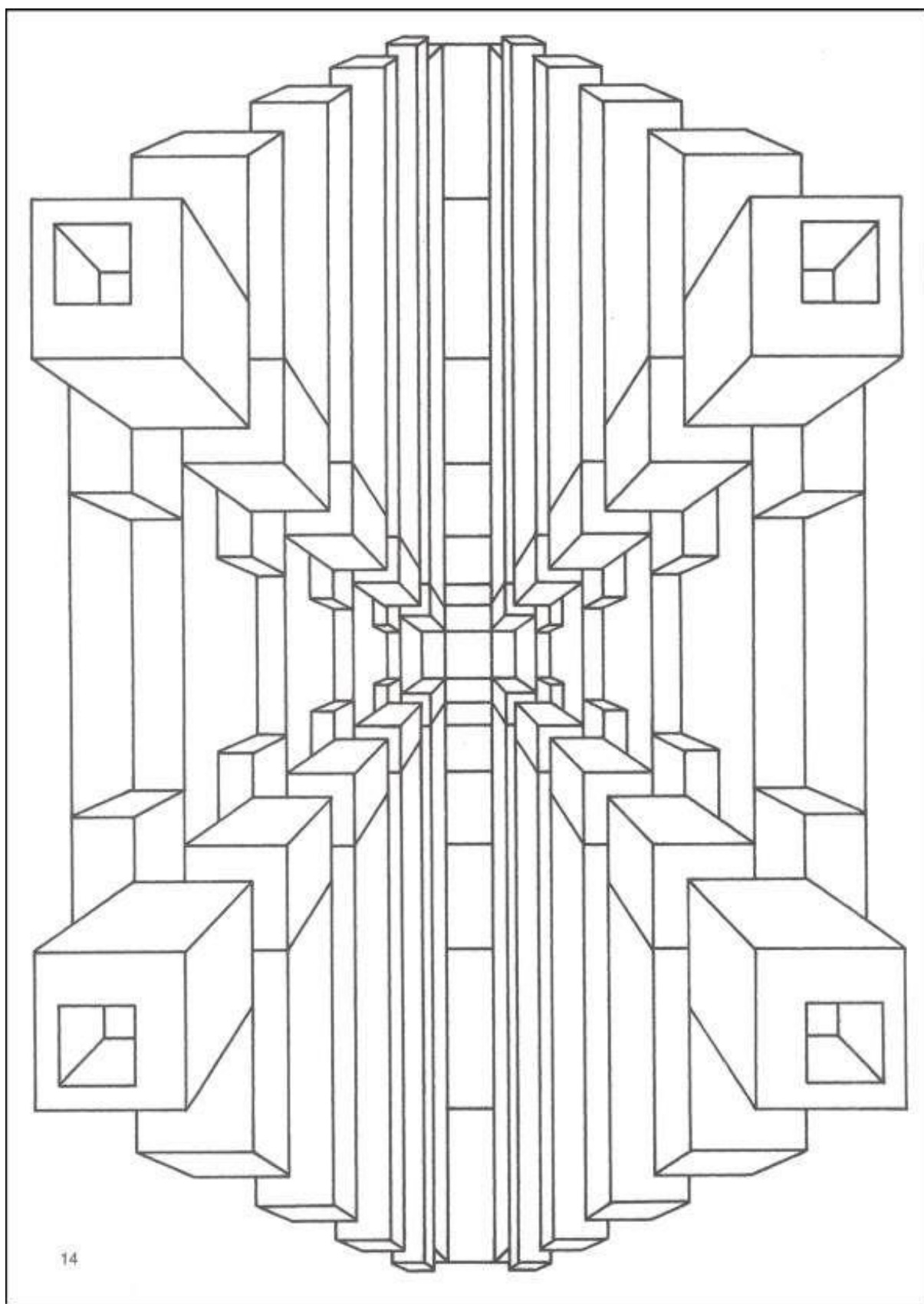
step four: →  
choose a color scheme  
and color in your design.  
create 3-d value by  
pressing harder near the  
dots and softer in the  
middle of each section.





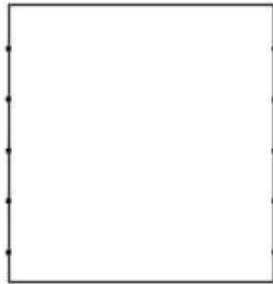
Use contrasting colours to make the patterns stand out!



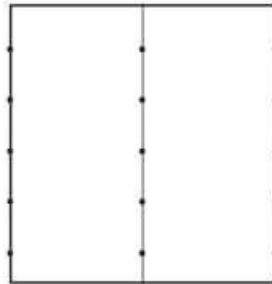


## CREATING OPTICAL ILLUSIONS – OP ART

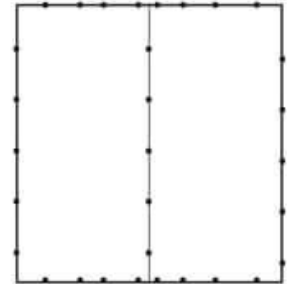
## THE GRID



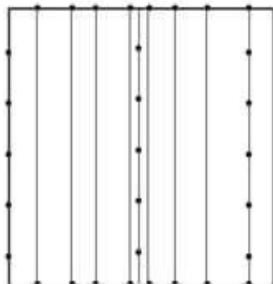
1. Draw a square about 18 cm x 18 cm. Mark spaces of 1.5 cm on opposite sides of the square.



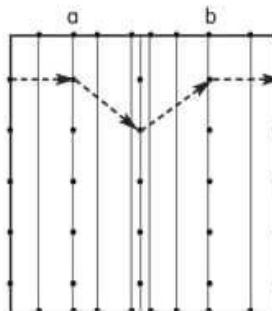
2. Draw a straight line from the centre of the top of the square to the opposite side. Mark spaces of about 2 cm on the centre line.



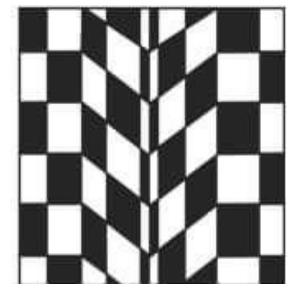
3. Start at the centre of the top of the square. Mark spaces that gradually get further apart as they move to the outer edge of the square. Repeat the same spaces on the bottom of the square.



4. Draw straight, vertical lines from each mark on the top of the square to the mark directly opposite it on the bottom of the square.

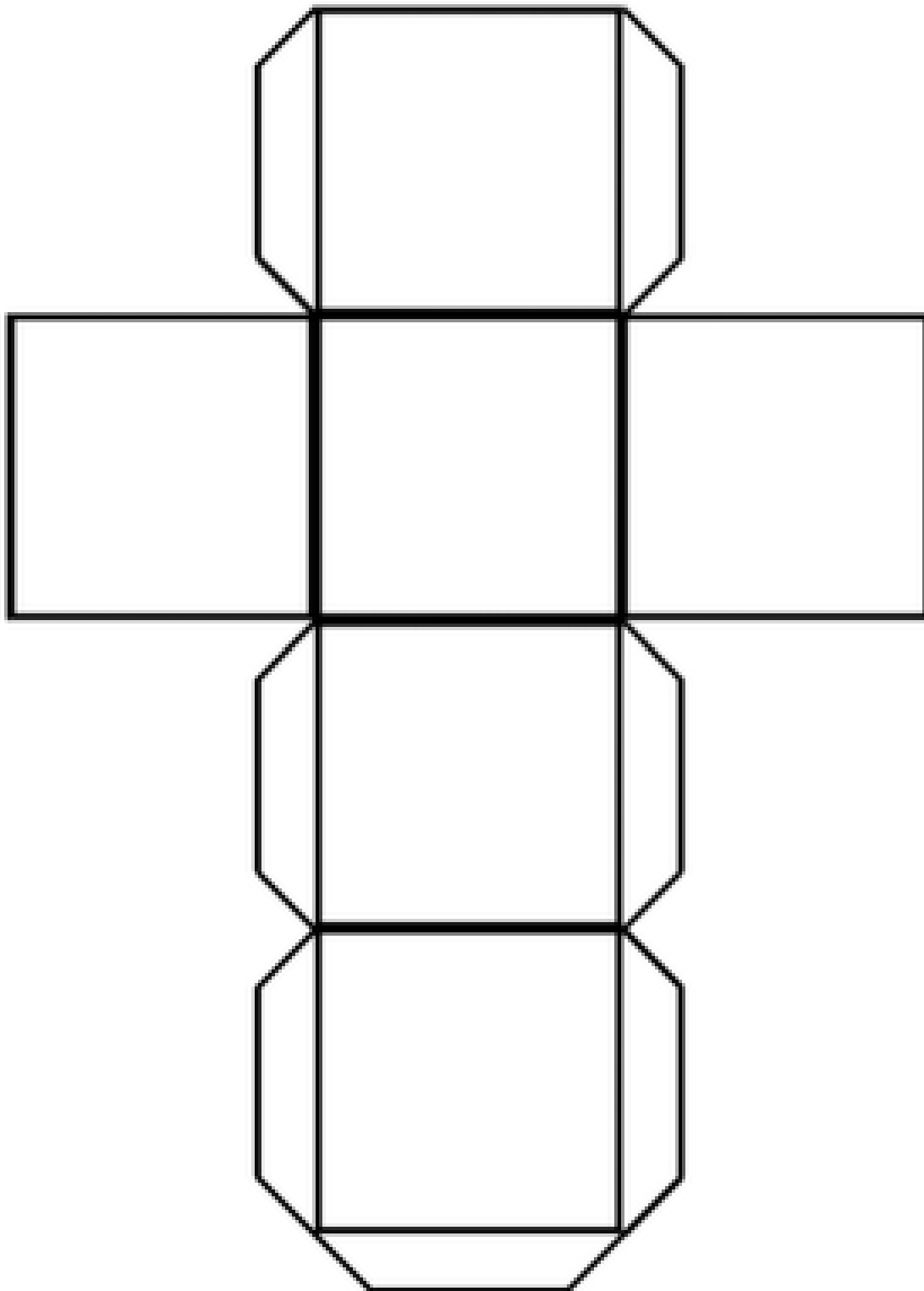


5. Mark a line ('a') about 4 spaces left of the centre. Mark a matching line ('b') on the right of the centre. Mark spaces to match the spaces on the side of the square. Draw horizontal lines across the square to connect the marks on either side. When you get to the 'a' line change the angle and draw a diagonal line down to the mark one space lower on the centre line. When you get to the centre line change the angle again and draw a diagonal line to the mark one space above the centre line.



6. Colour an alternating black and white pattern, or use 2 contrasting colours to complete the design.

Make an OP art cube-Create OP art patterns on each side. Cut out and stick together. Remember to fold the flaps in and add glue on them. You could draw around this template and make a few different ones and create a tower of patterns, a bridge or even a city!! Remember to take a photo!



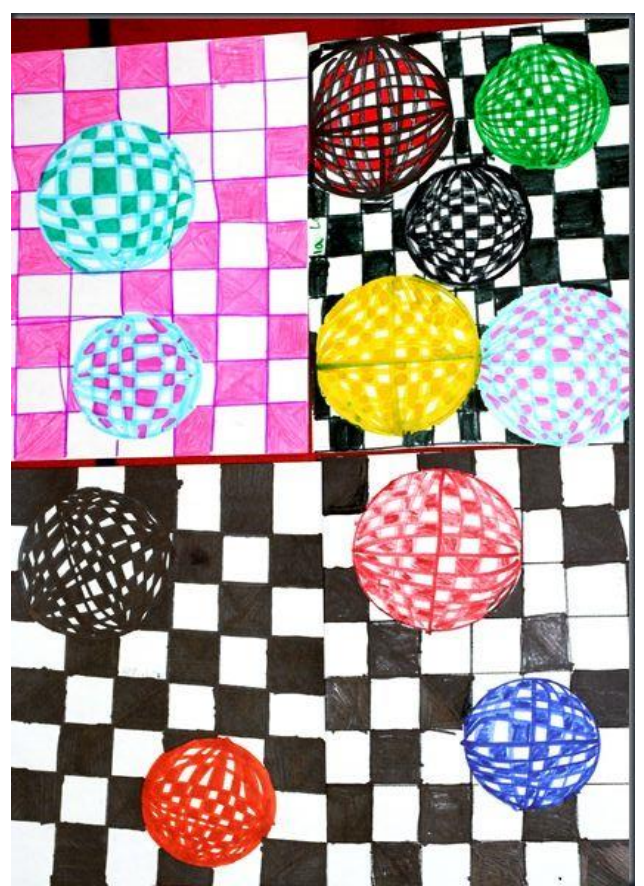
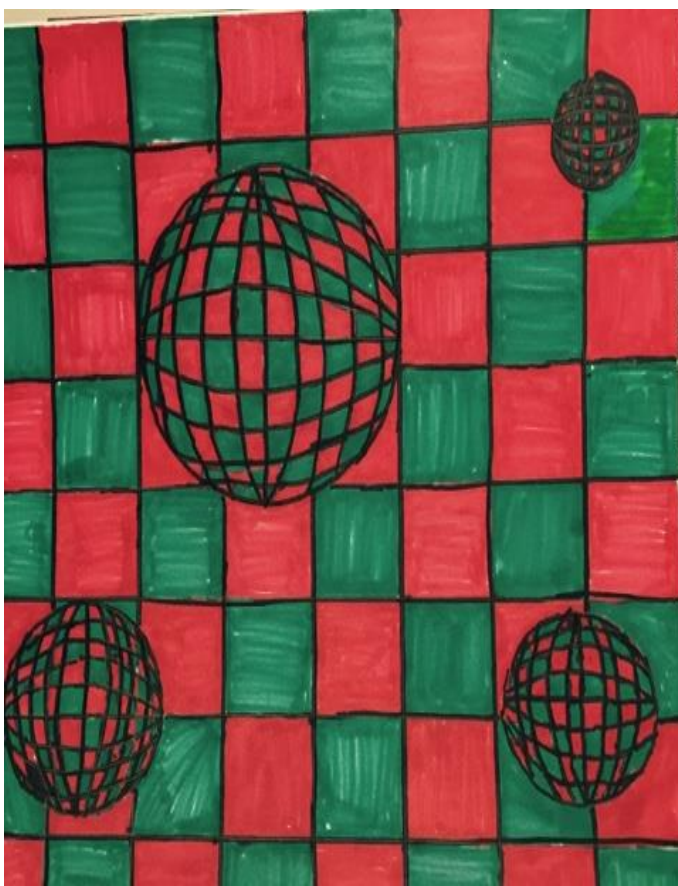
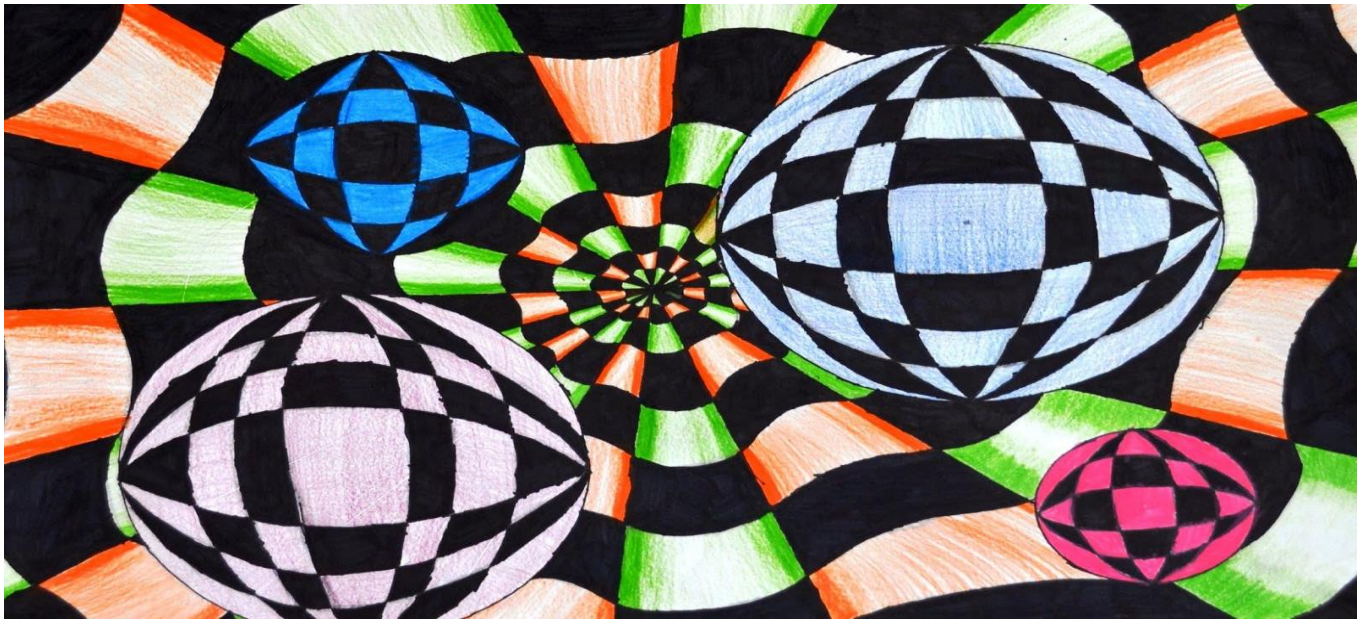




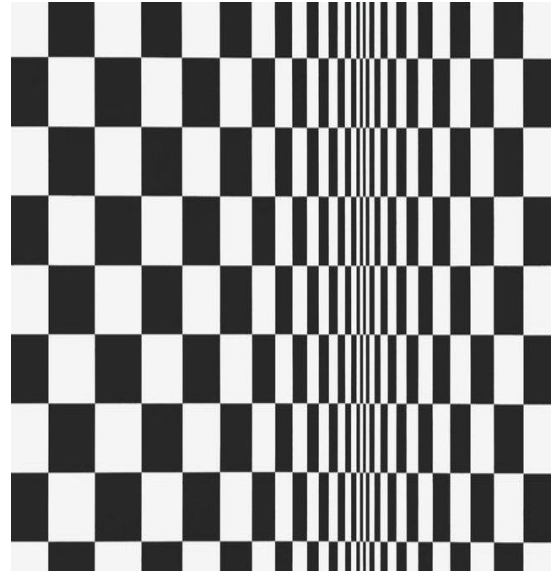
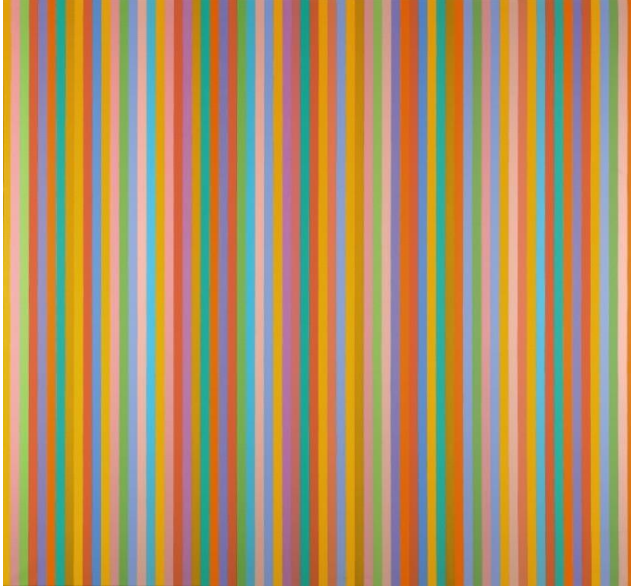


Try adding two patterns together to create a 3D effect.

Use contrasting colours: Red & Green, Orange & Blue, Yellow & Purple, Black & white.



# Bridget Riley



Mini project: Can you find out any information about Bridget Riley – She was a very famous artist.

Can you create.....

- A painting
- A collage using different materials
- Drawings using coloured pens and pencils
- Could you make a Bridget Riley house using a cardboard box (Such as a cereal box)
- Cut the box open and turn inside out, create your op art patterns and decorate it then stick the edges back together.