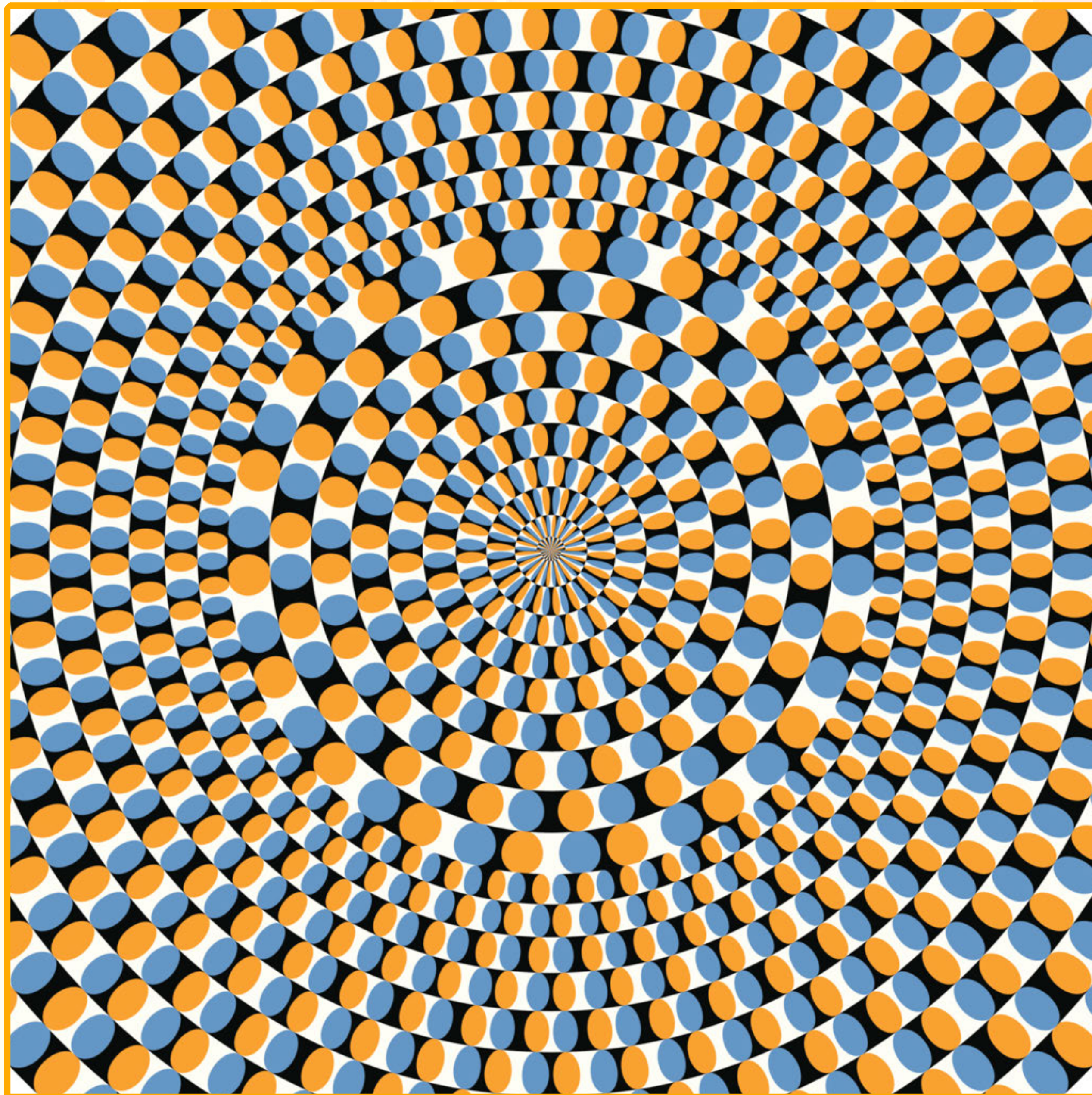


Art Illusions

Learning Objective:

To explore and create optical art.

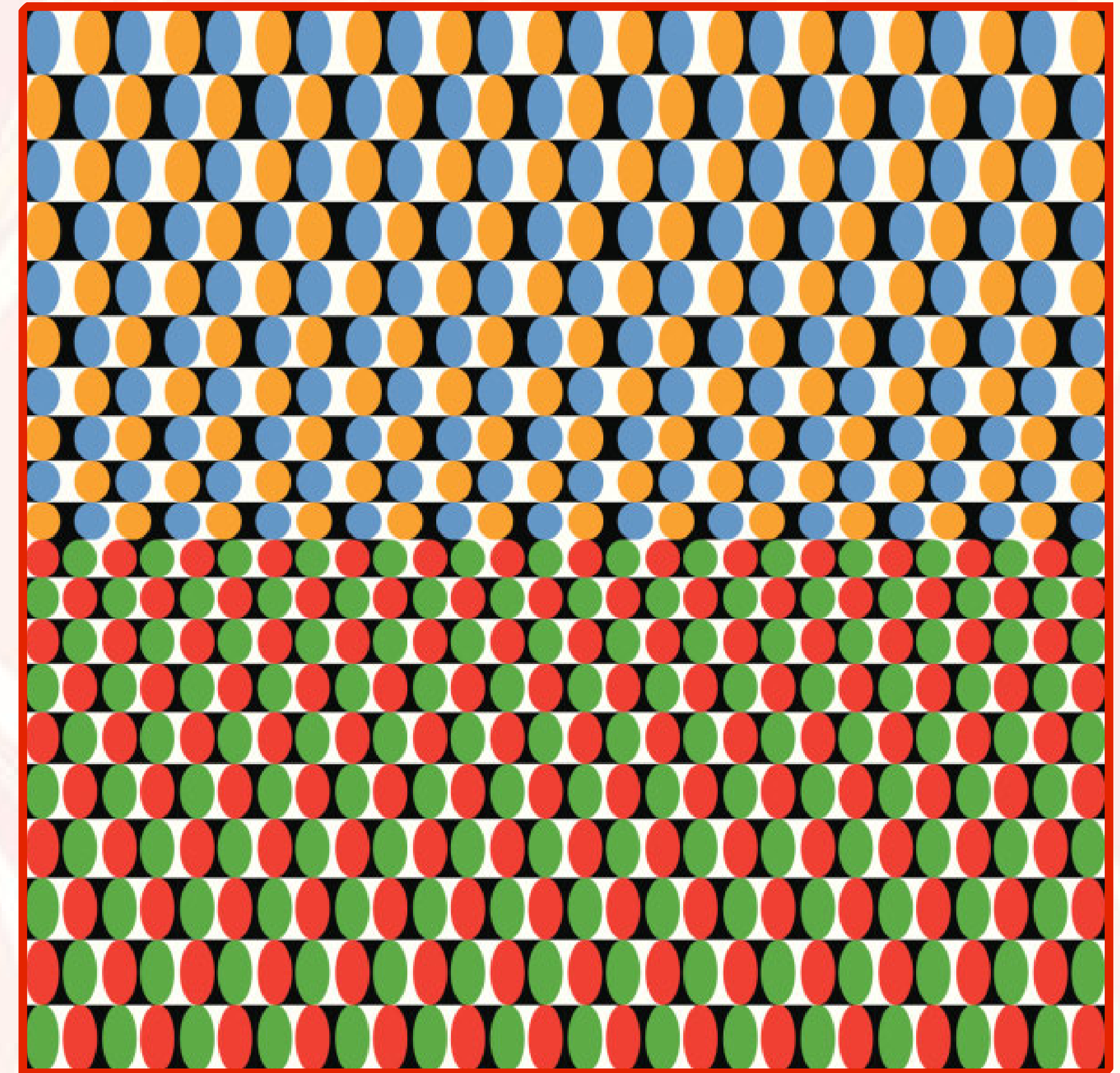
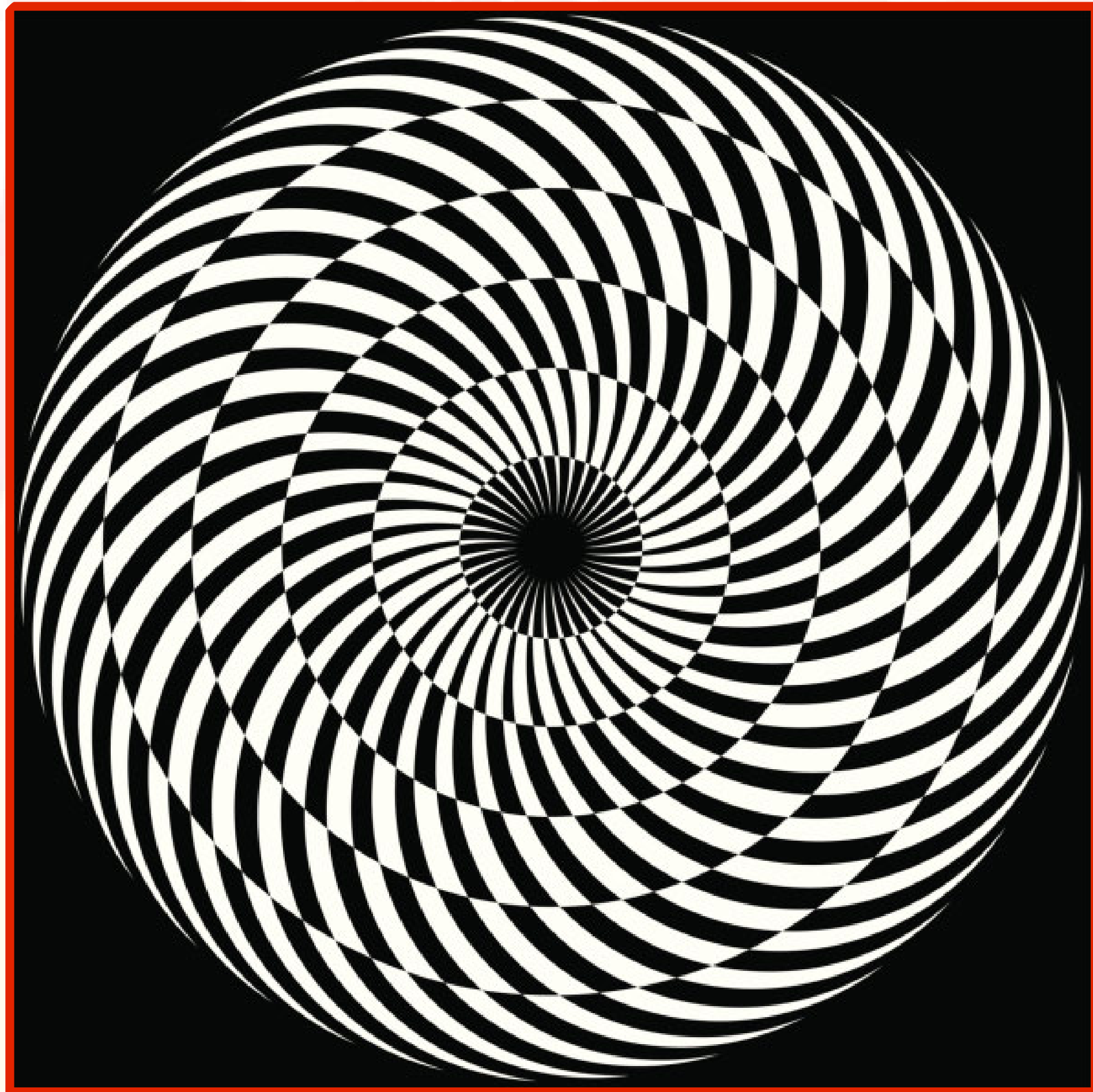


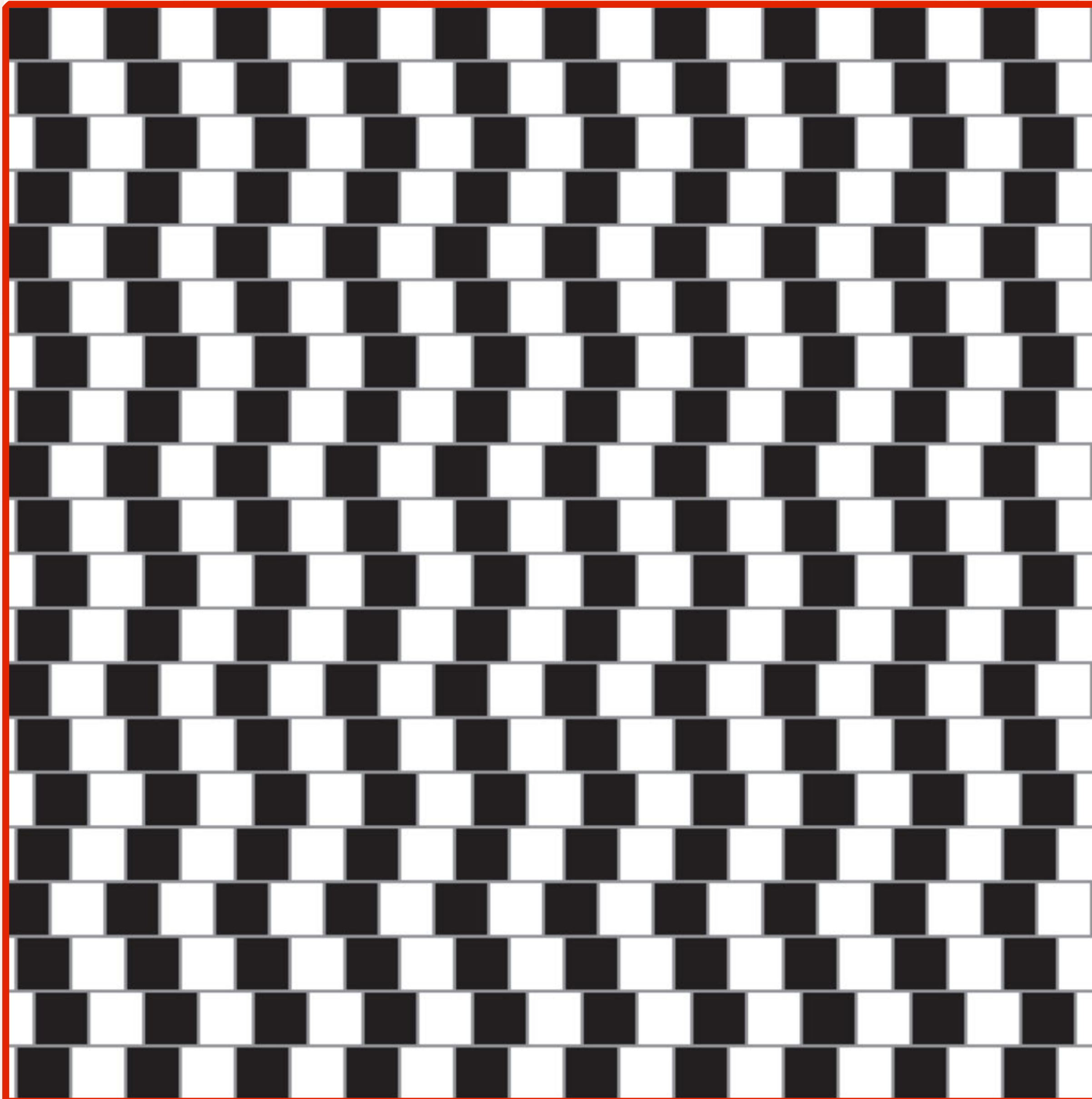


This picture looks
like it is moving!
Why is that?



During the 1960s, artists started using geometric patterns and complementary colours to create the illusion of movement in their artwork. This type of art is known as optical art, or op art for short.



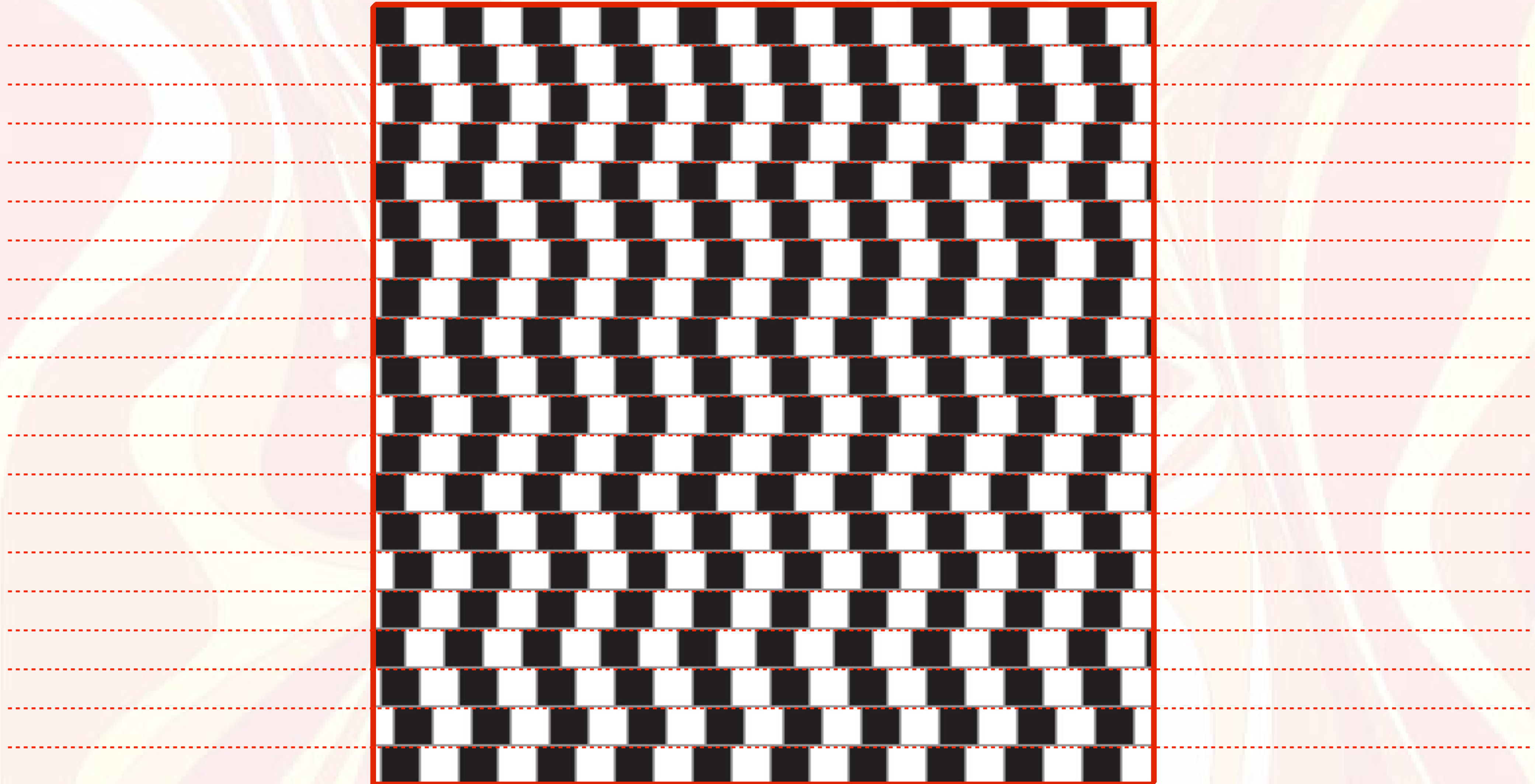


As well as creating artwork that appears to move, optical art can create other illusions.

Have a look at this picture. Are the lines straight or at an angle? Are some sections bigger than others?

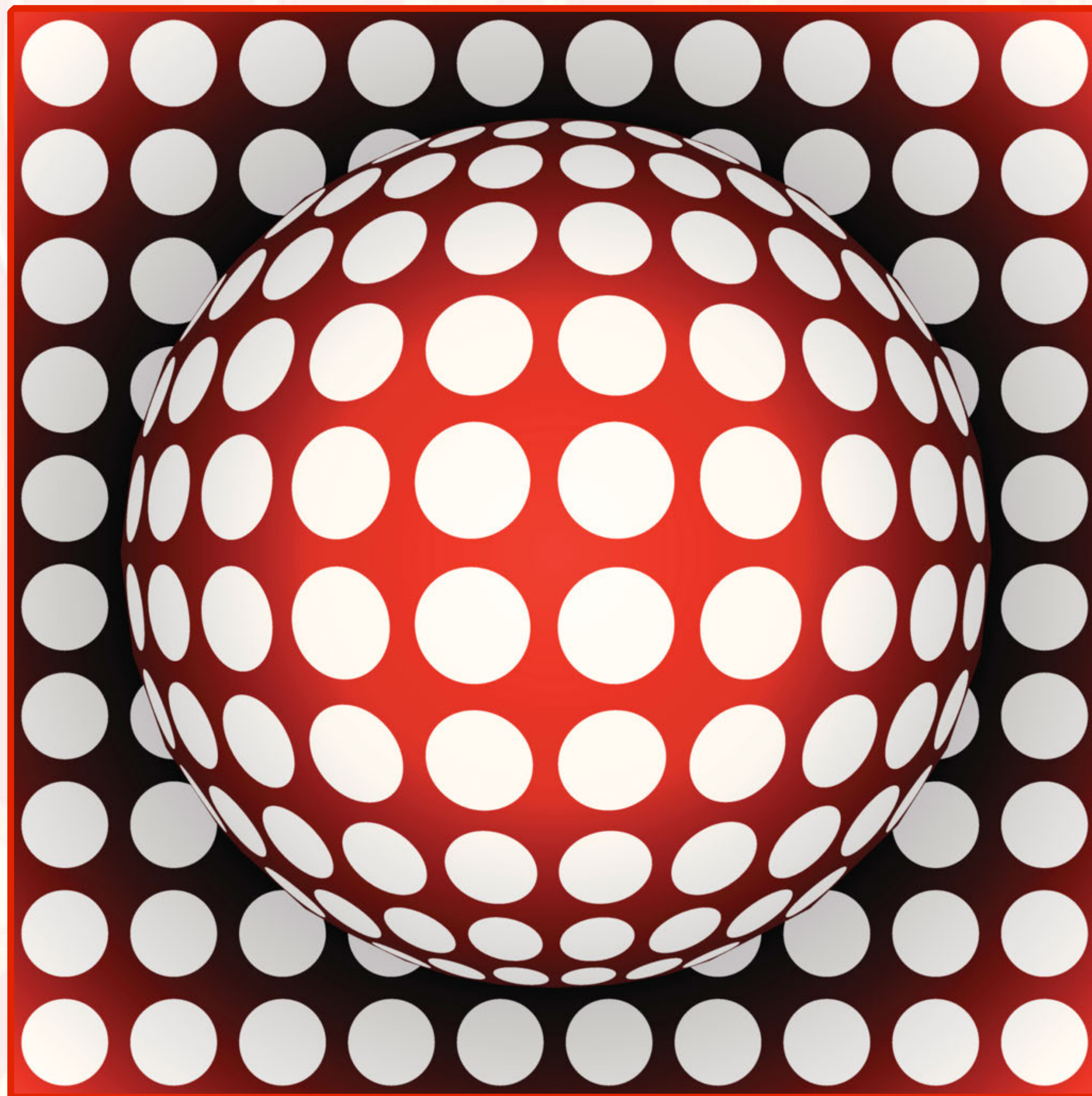


These lines are actually all parallel but because of the way the squares have been placed, it makes it look like the lines start to converge!

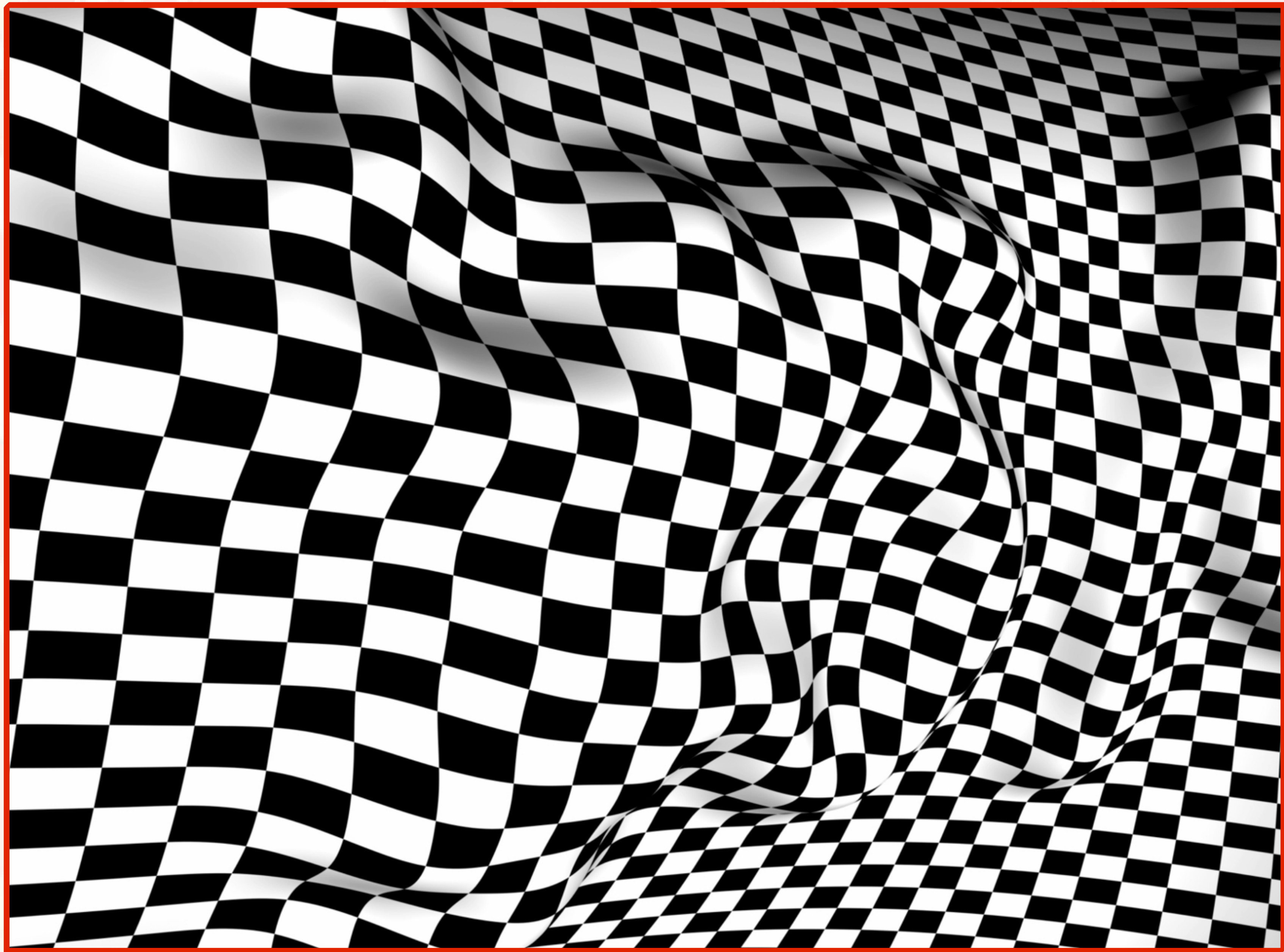


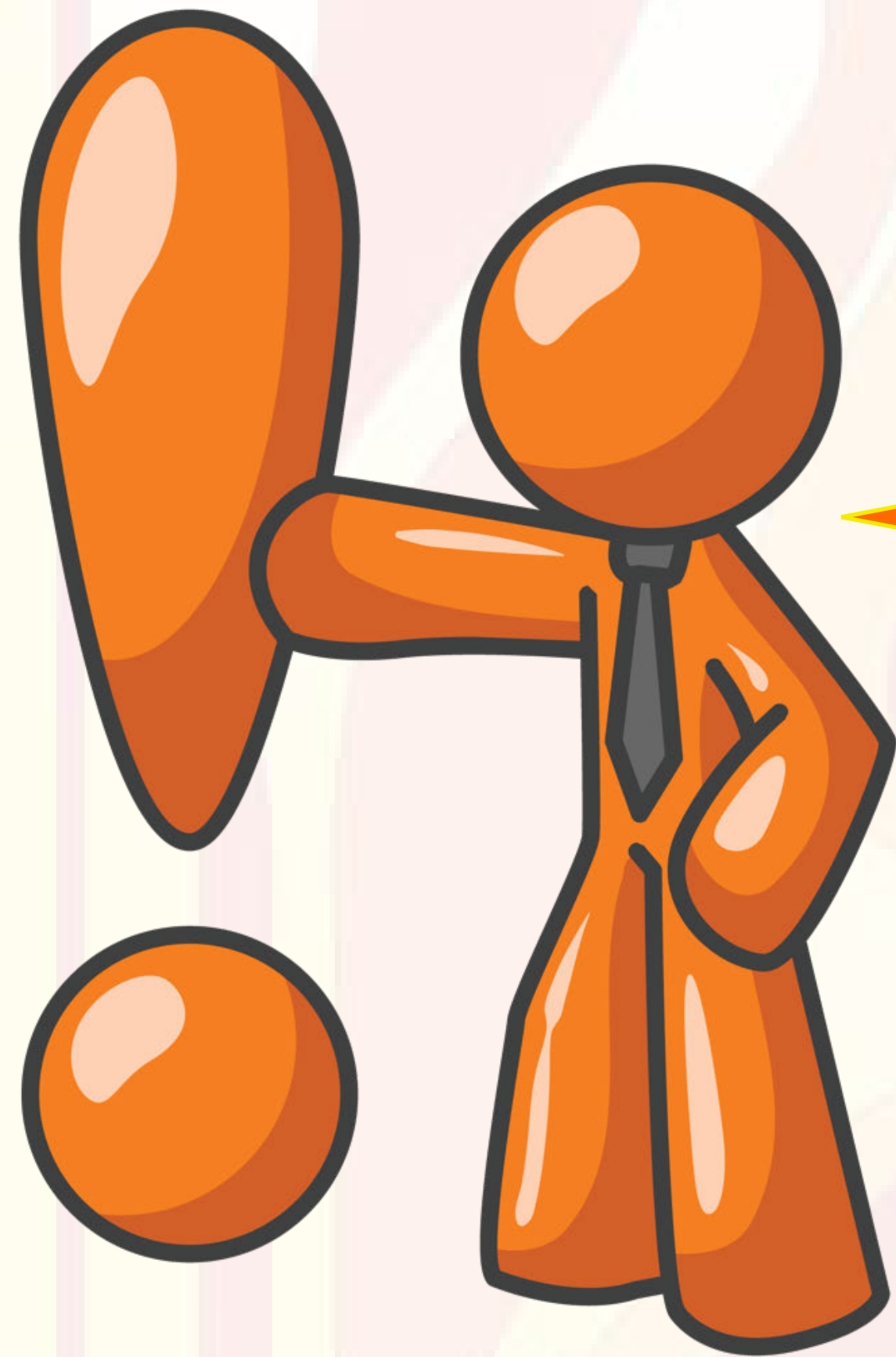


Op artists use lots of different tricks to create illusions. Have a look at the images on the next slides. What do you think of them?

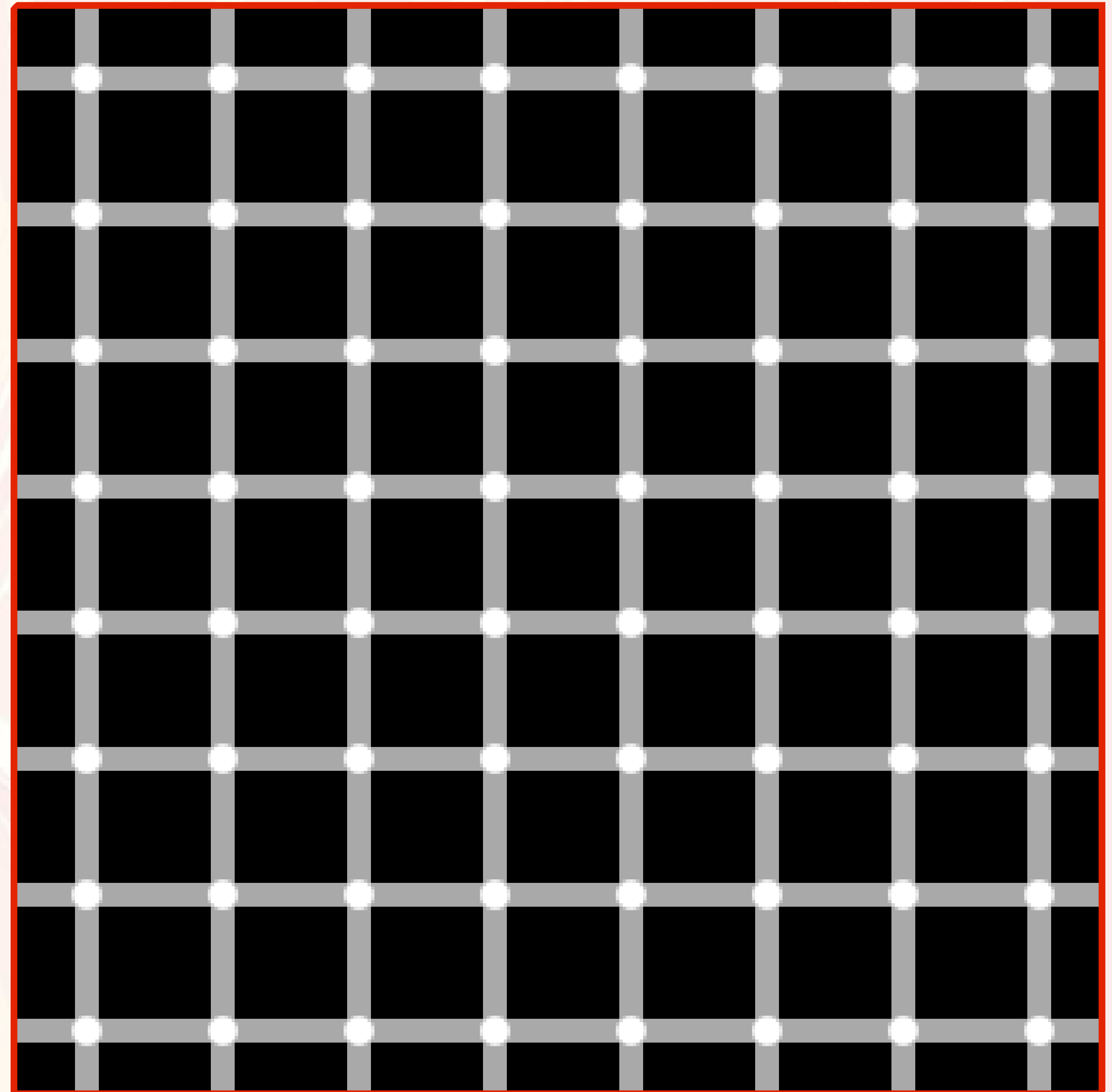








Which of
these
circles are
white and
which are
black?!





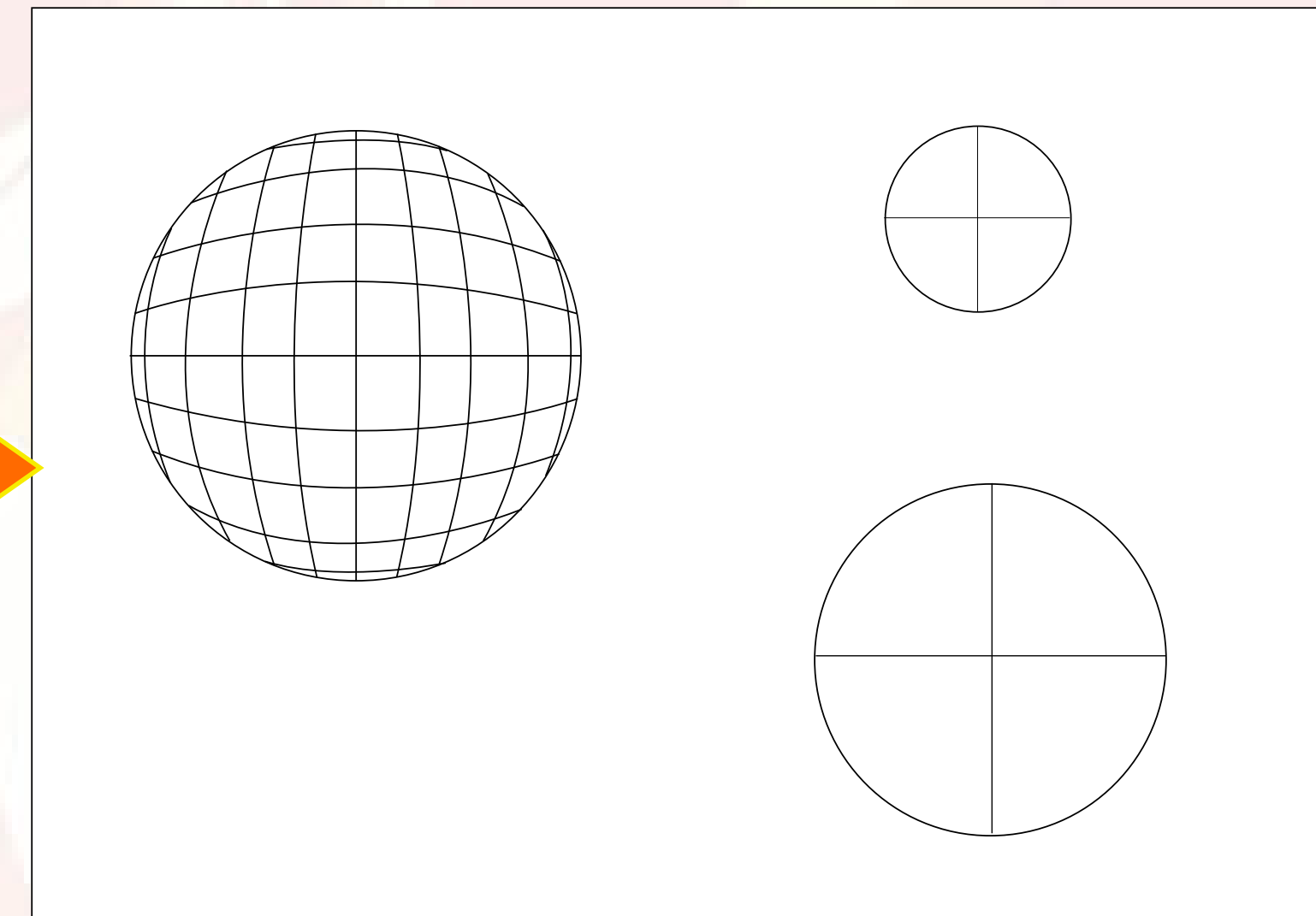
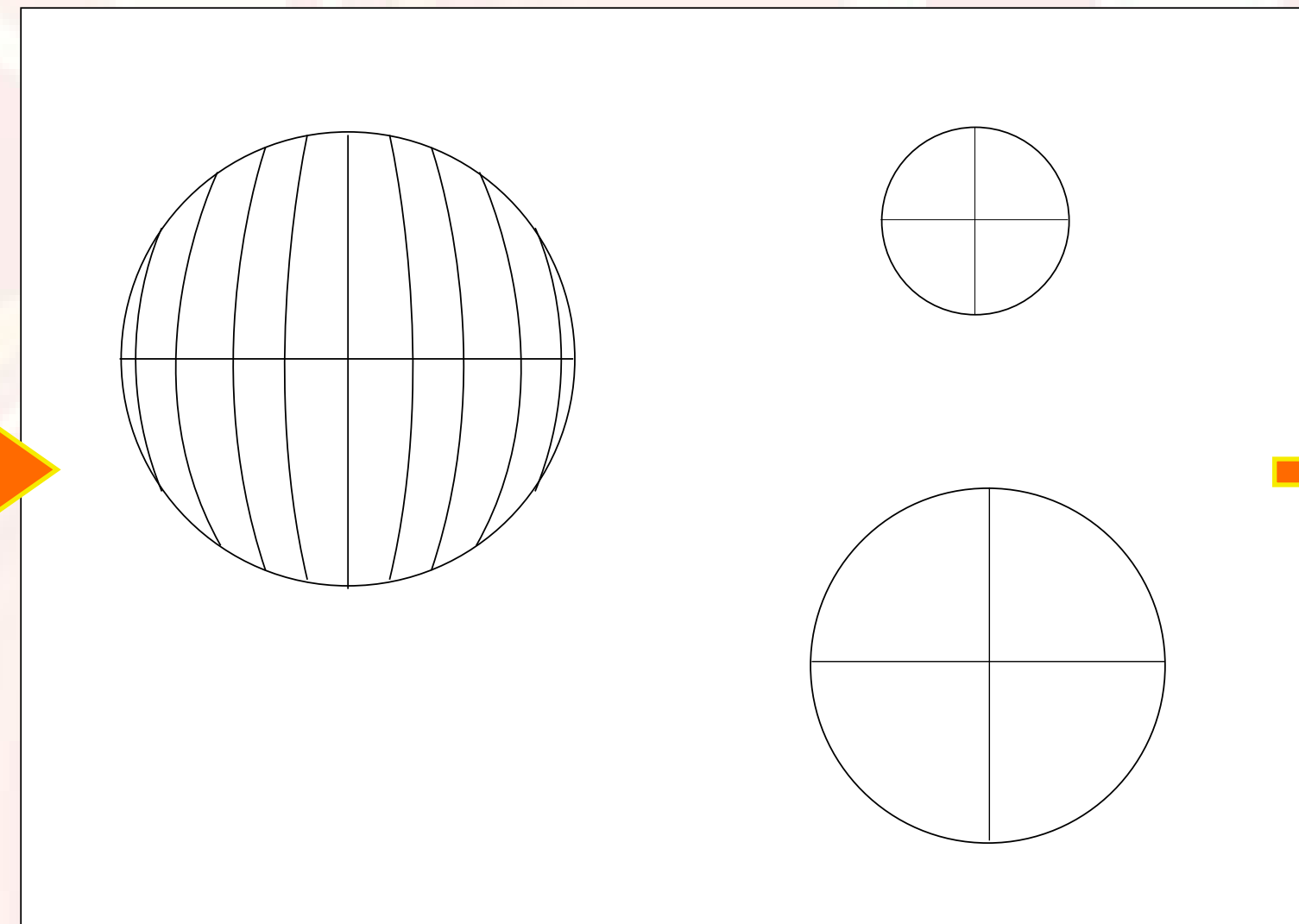
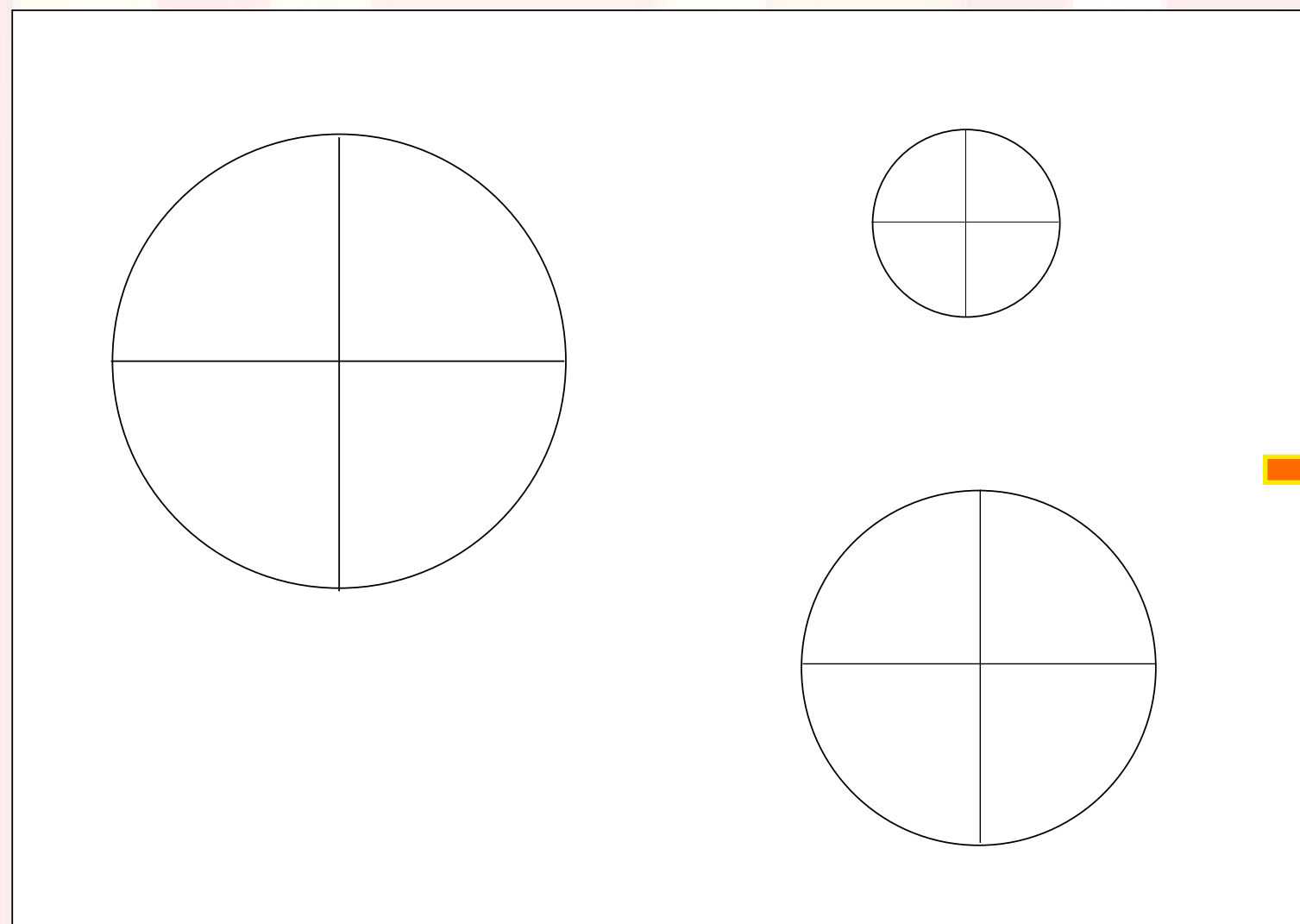
Let's have a look
at how you can make
some op art of your
own!

3D Checkerboard

Draw some circles on a sheet of paper and put a cross through the centre of each one.

Draw curved lines from top to bottom. Space them equally.

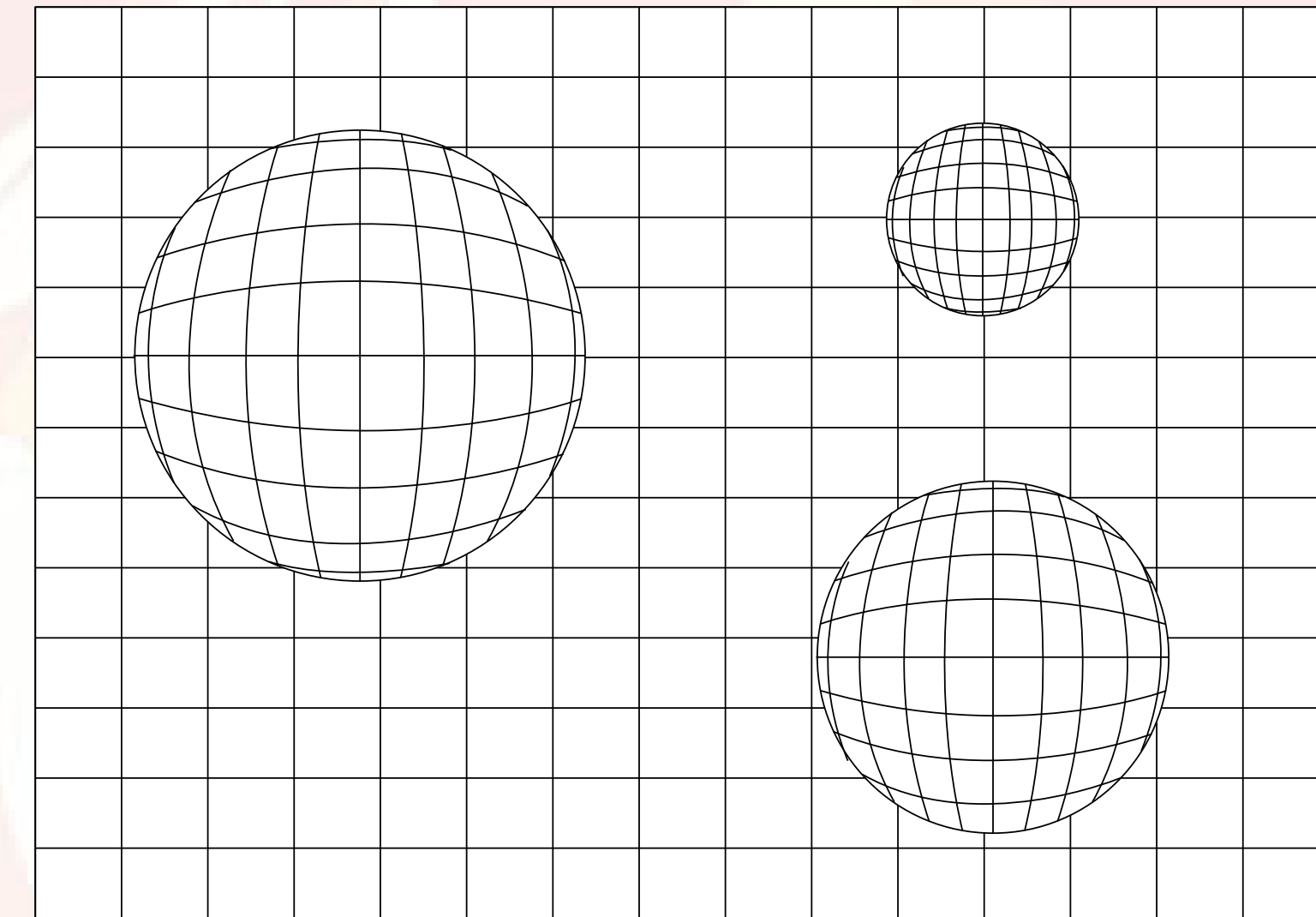
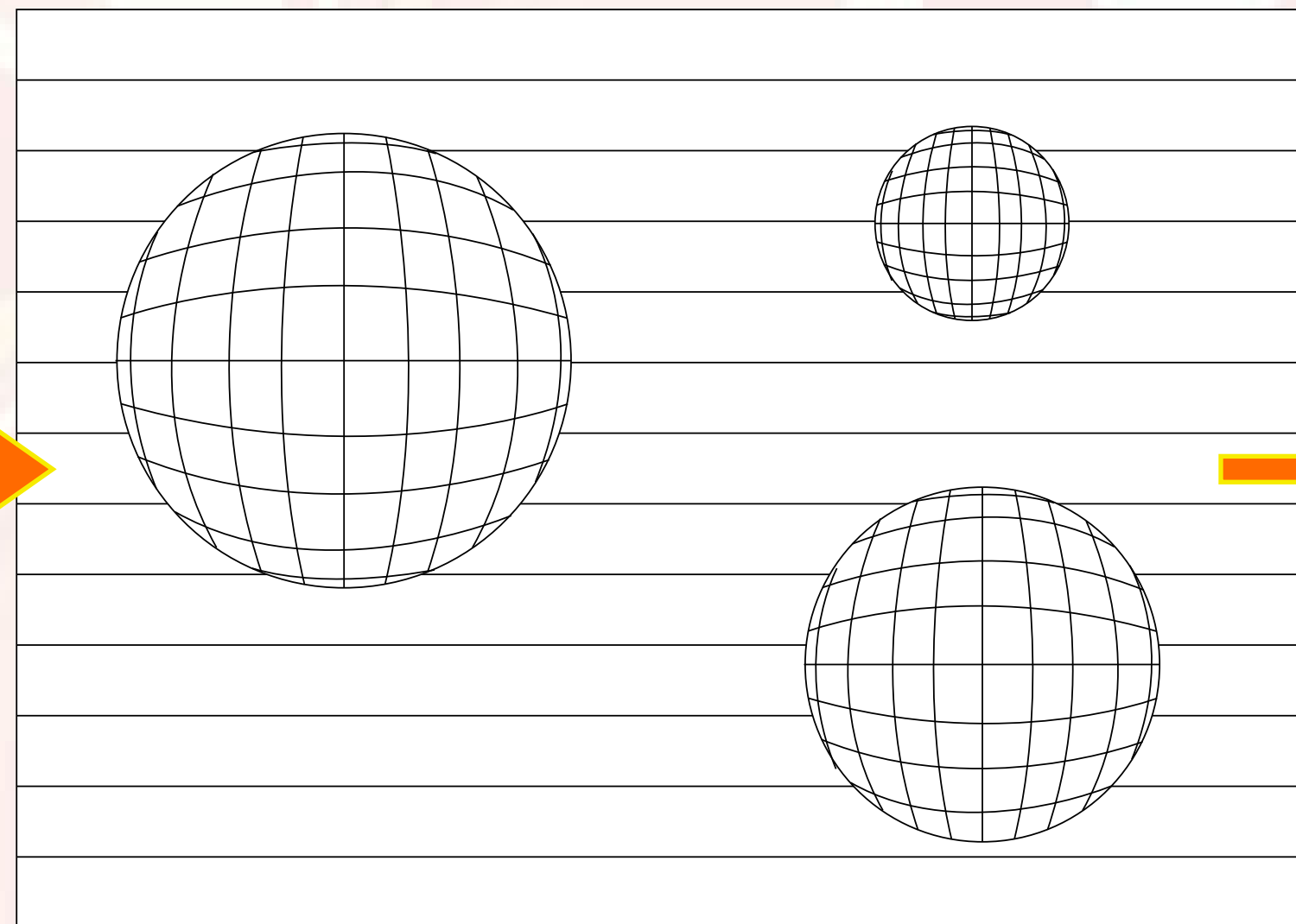
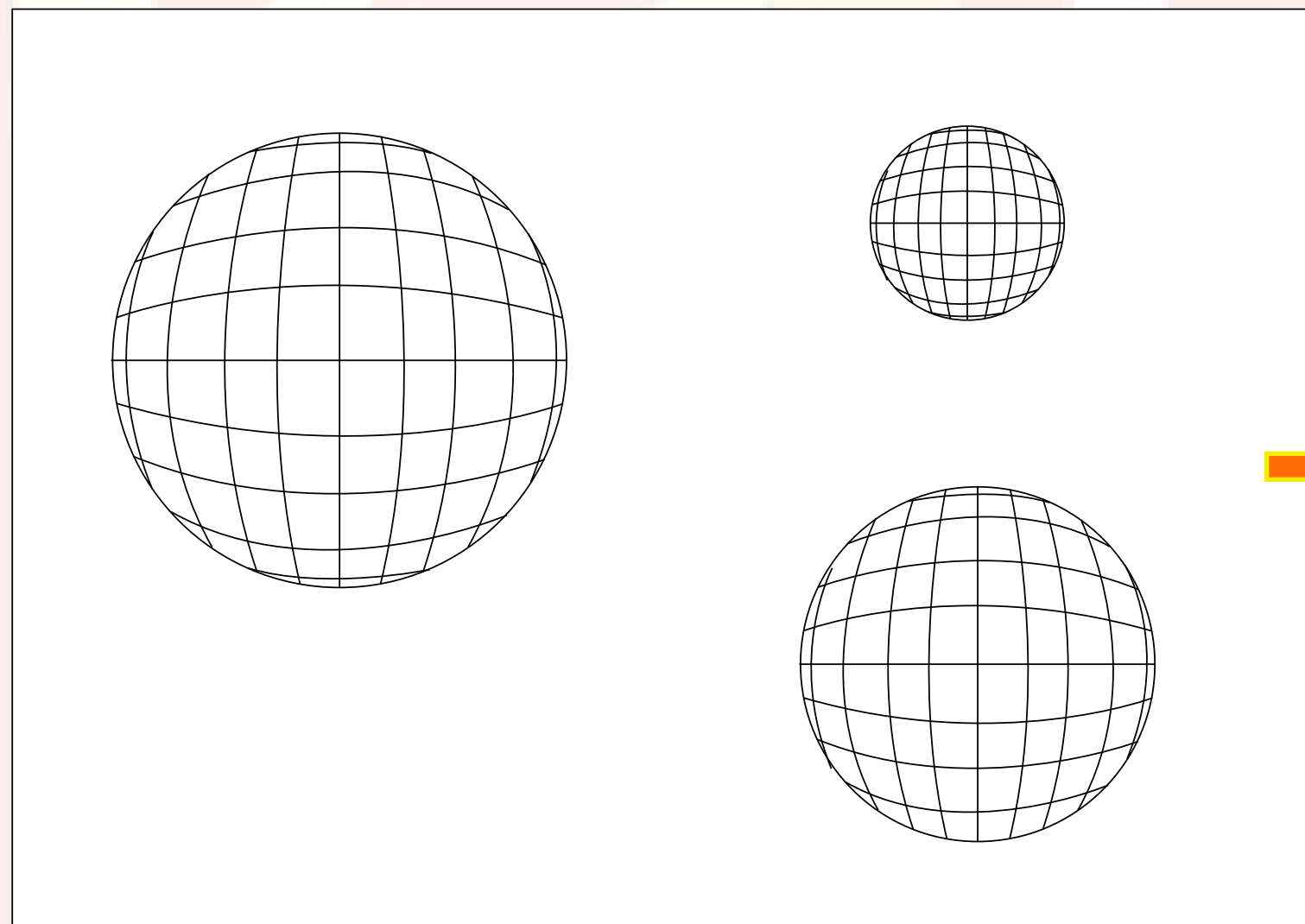
Draw lines from left to right. Again, space them equally.



Repeat this for each of the circles. This gives them a 3D effect.

Use a ruler to draw equally spaced lines across the page. Make sure you don't draw through the circles.

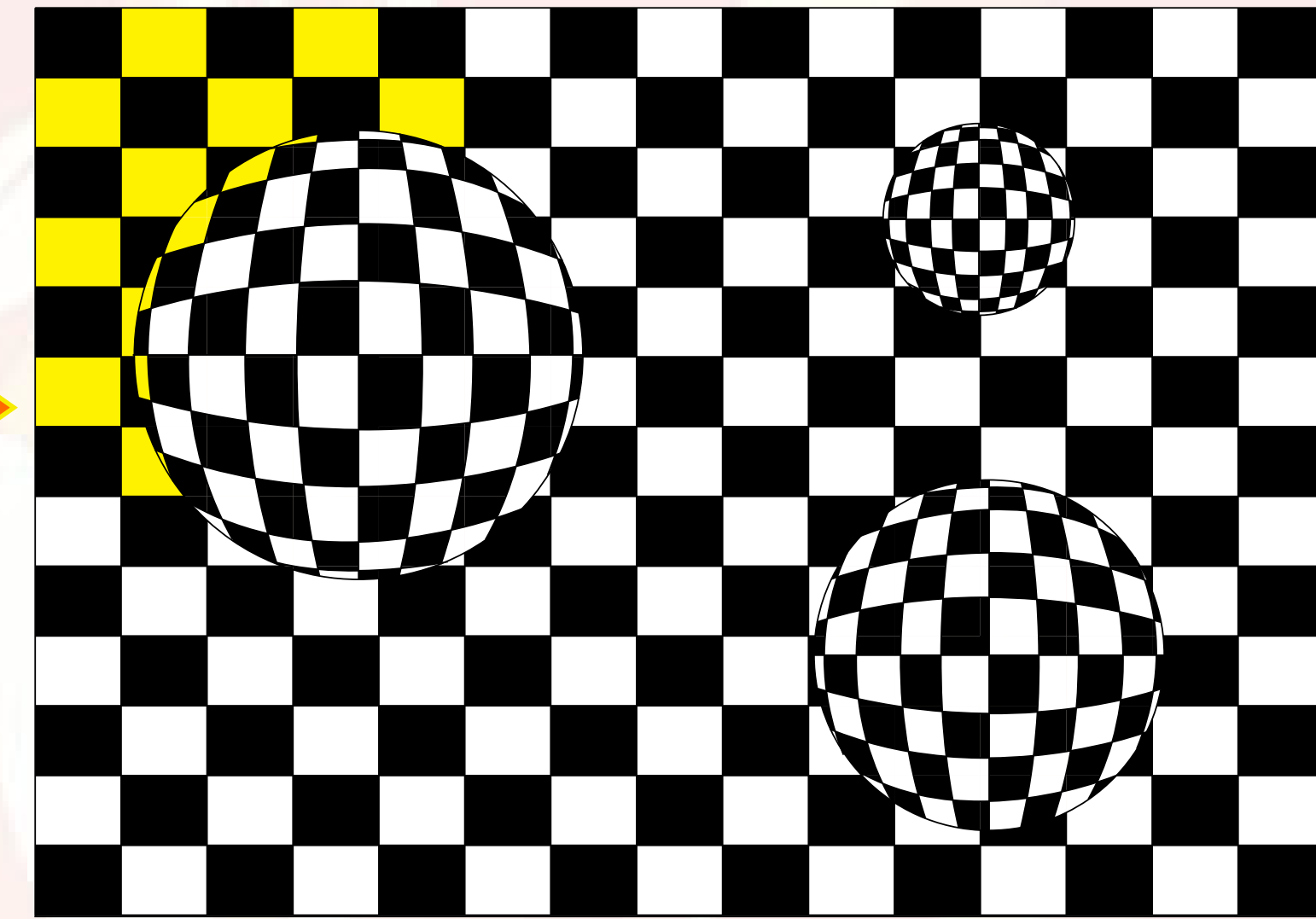
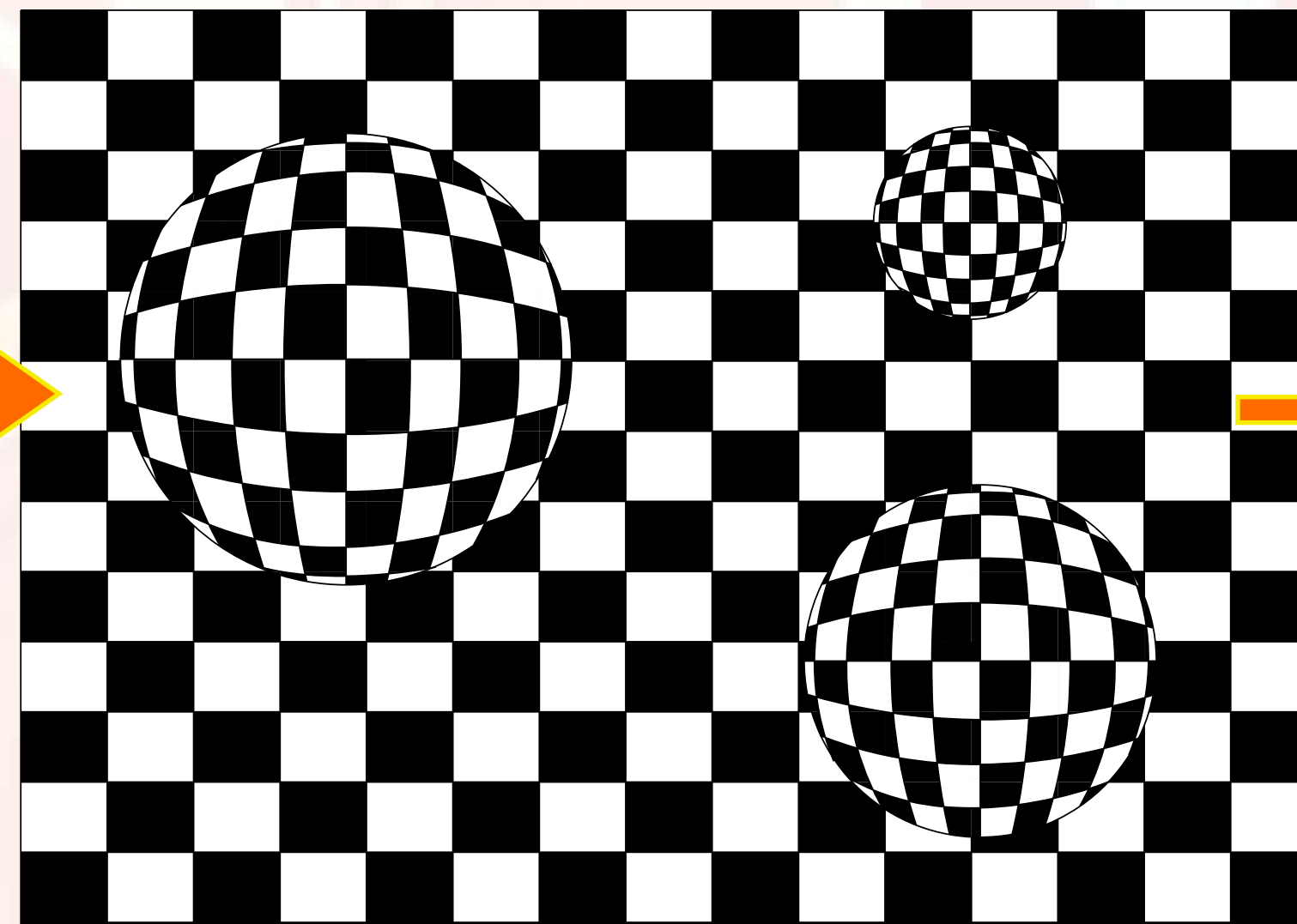
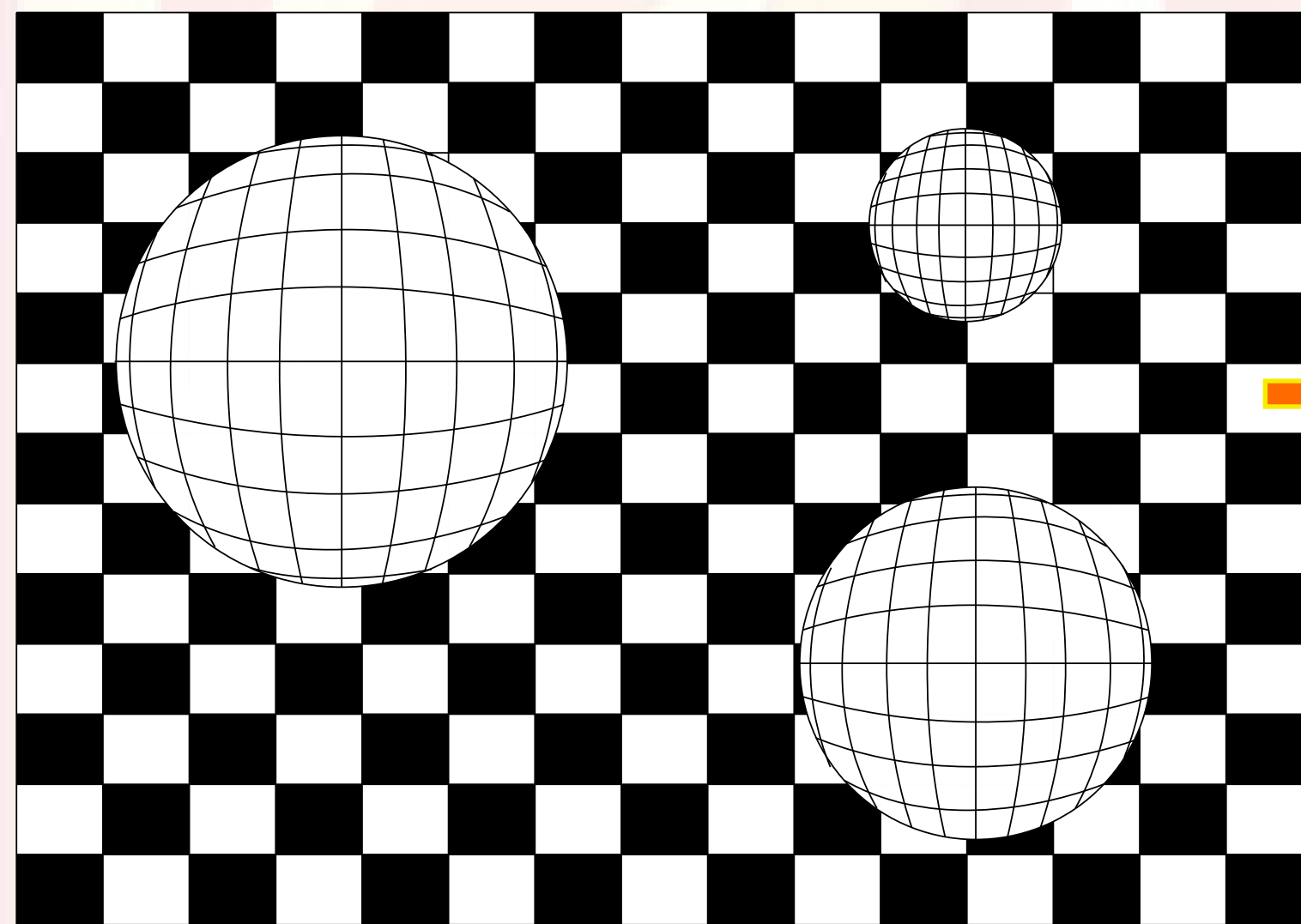
Now use your ruler to draw equally spaced lines from top to bottom. Remember, don't draw through the circles.



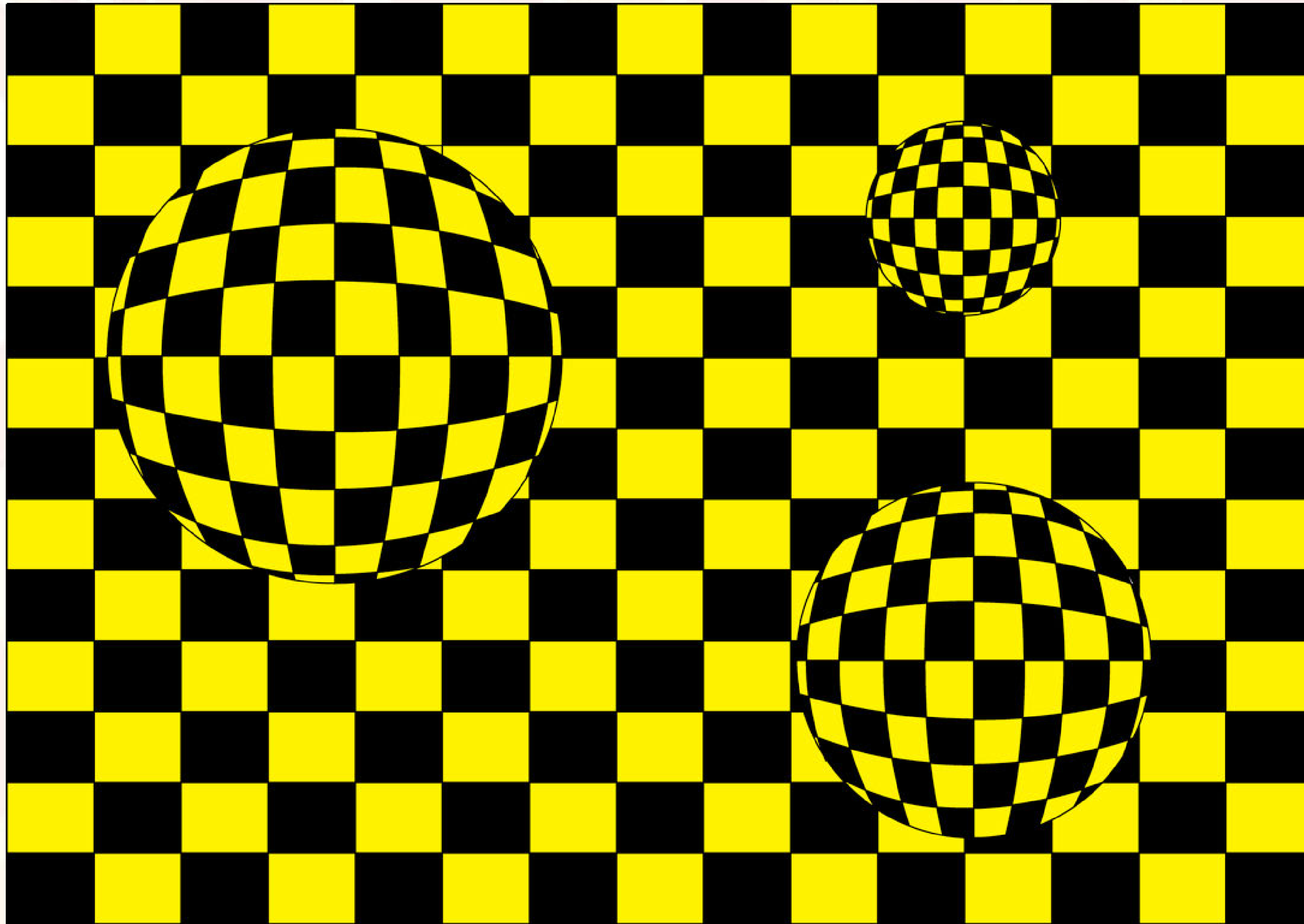
Colour every other
square on the
background in black.

Do this for every other
square in the circles
too.

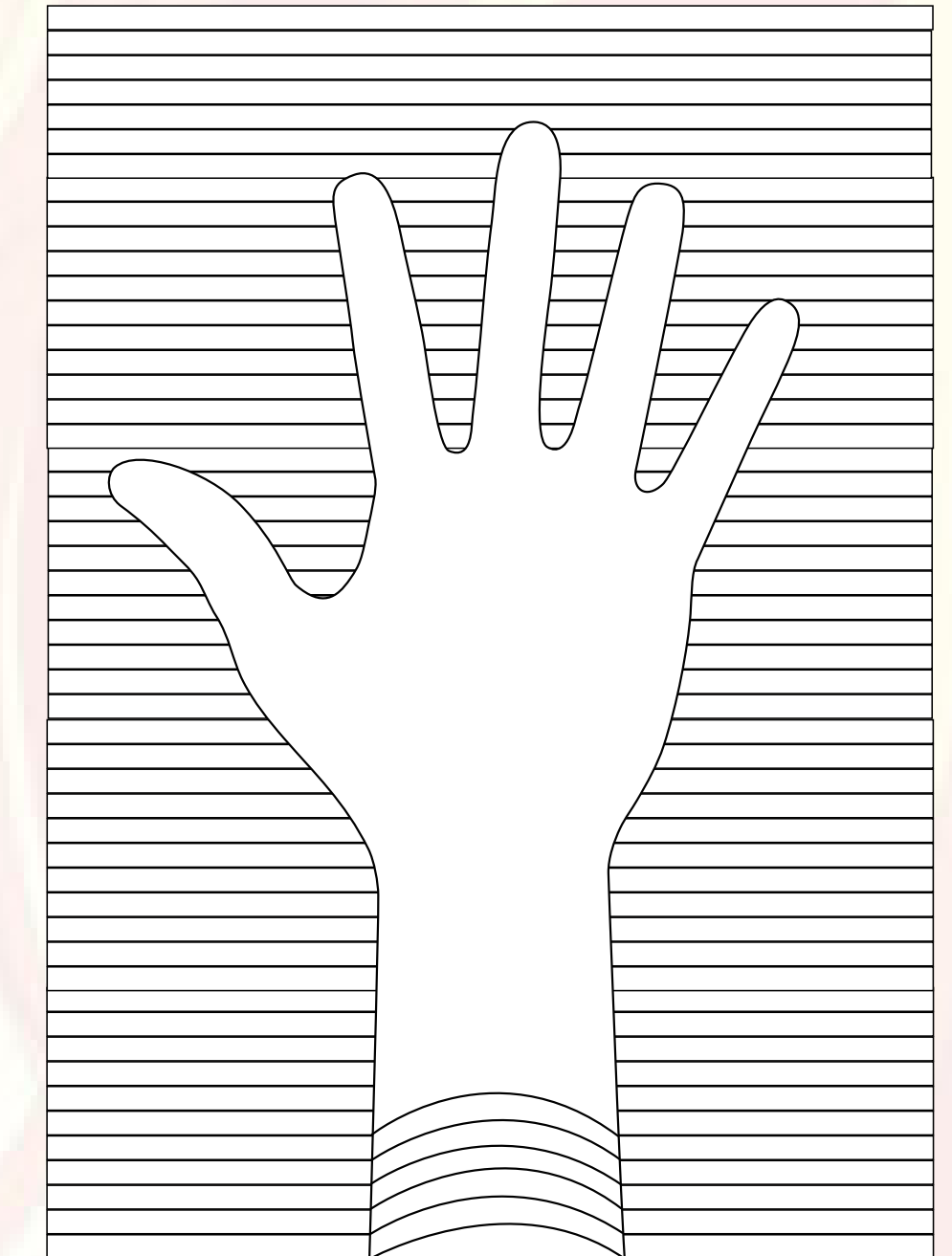
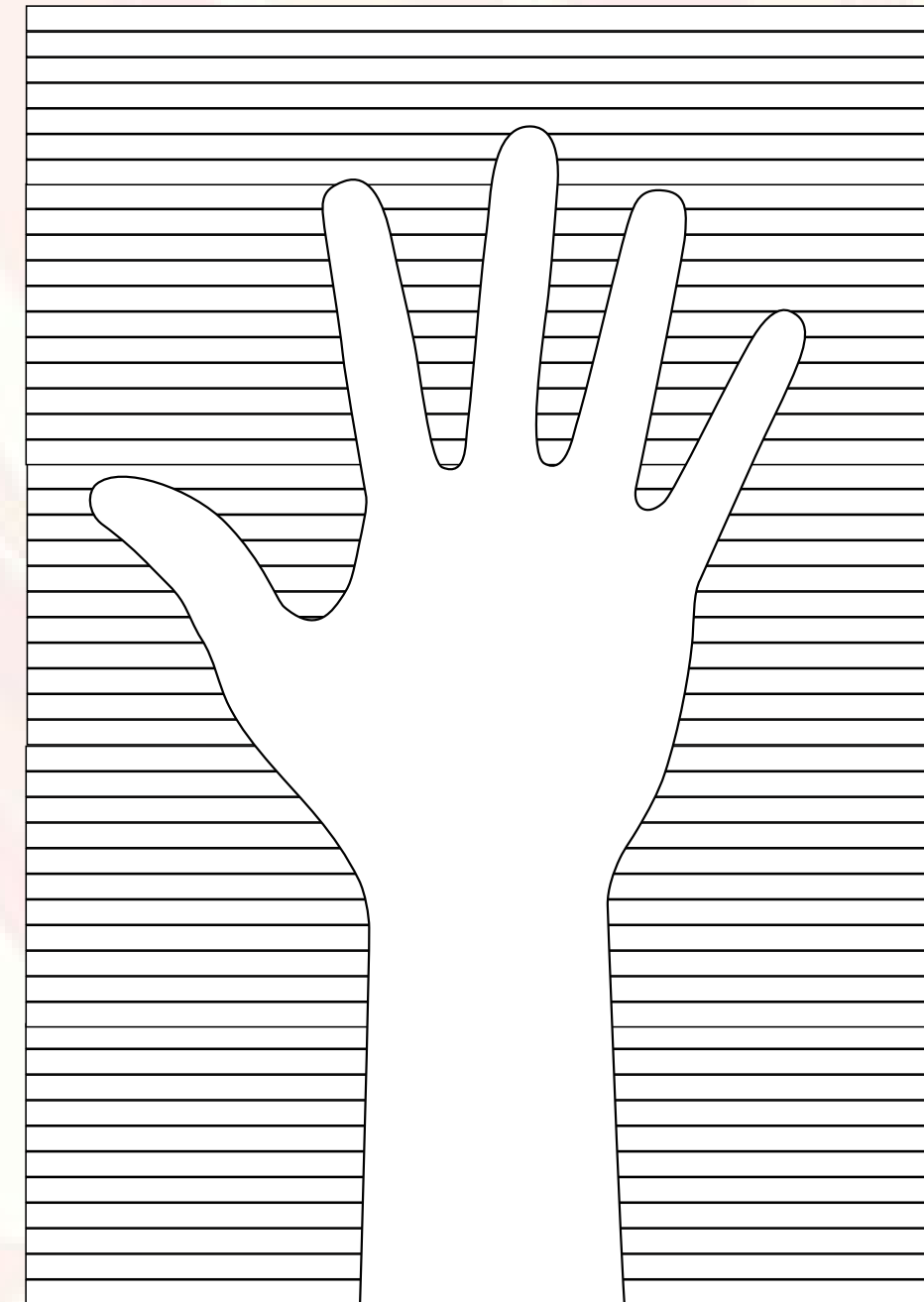
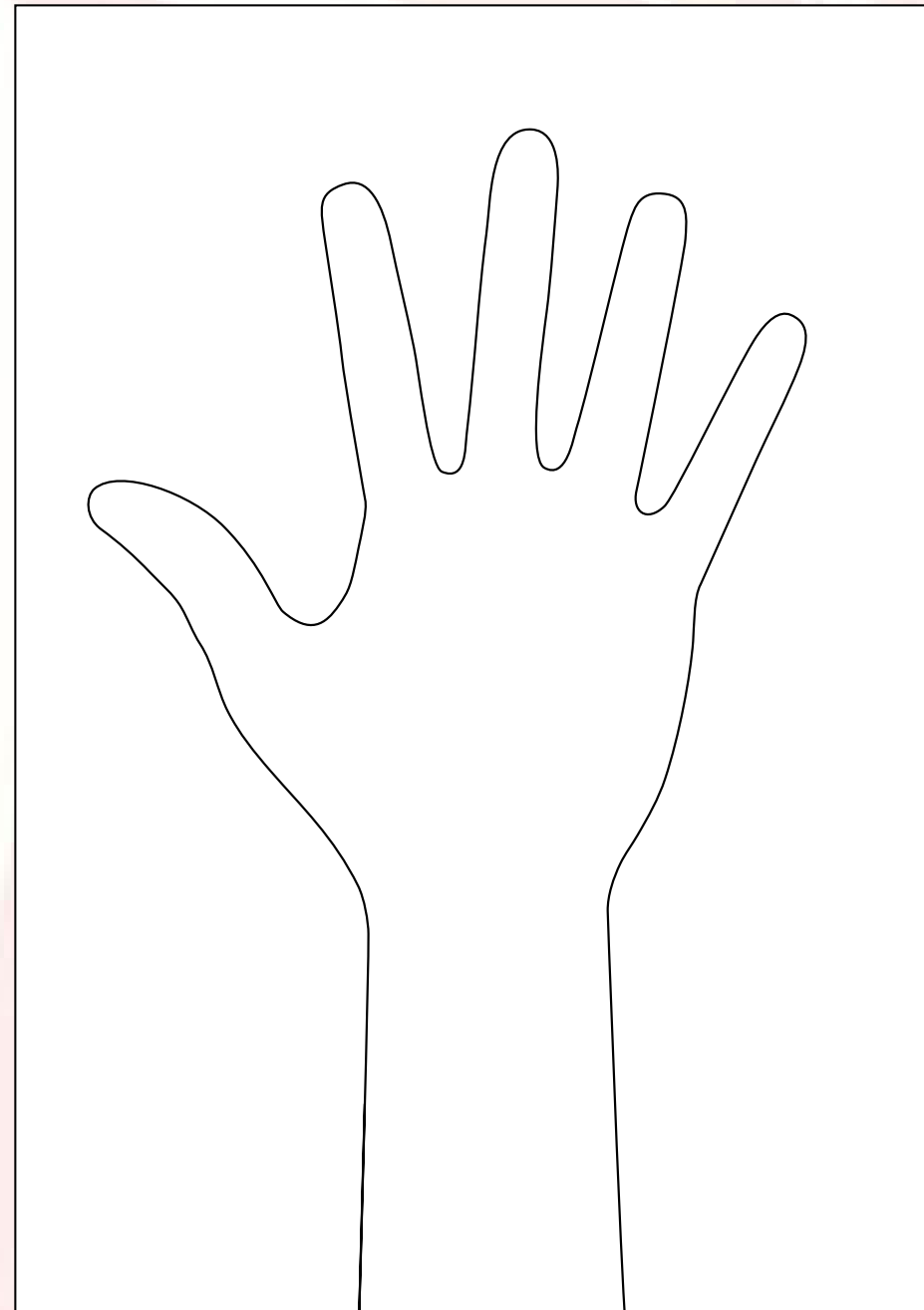
Choose a different
colour for the white
squares and start
colouring these in the
same way.



You then have an amazing piece of op art!



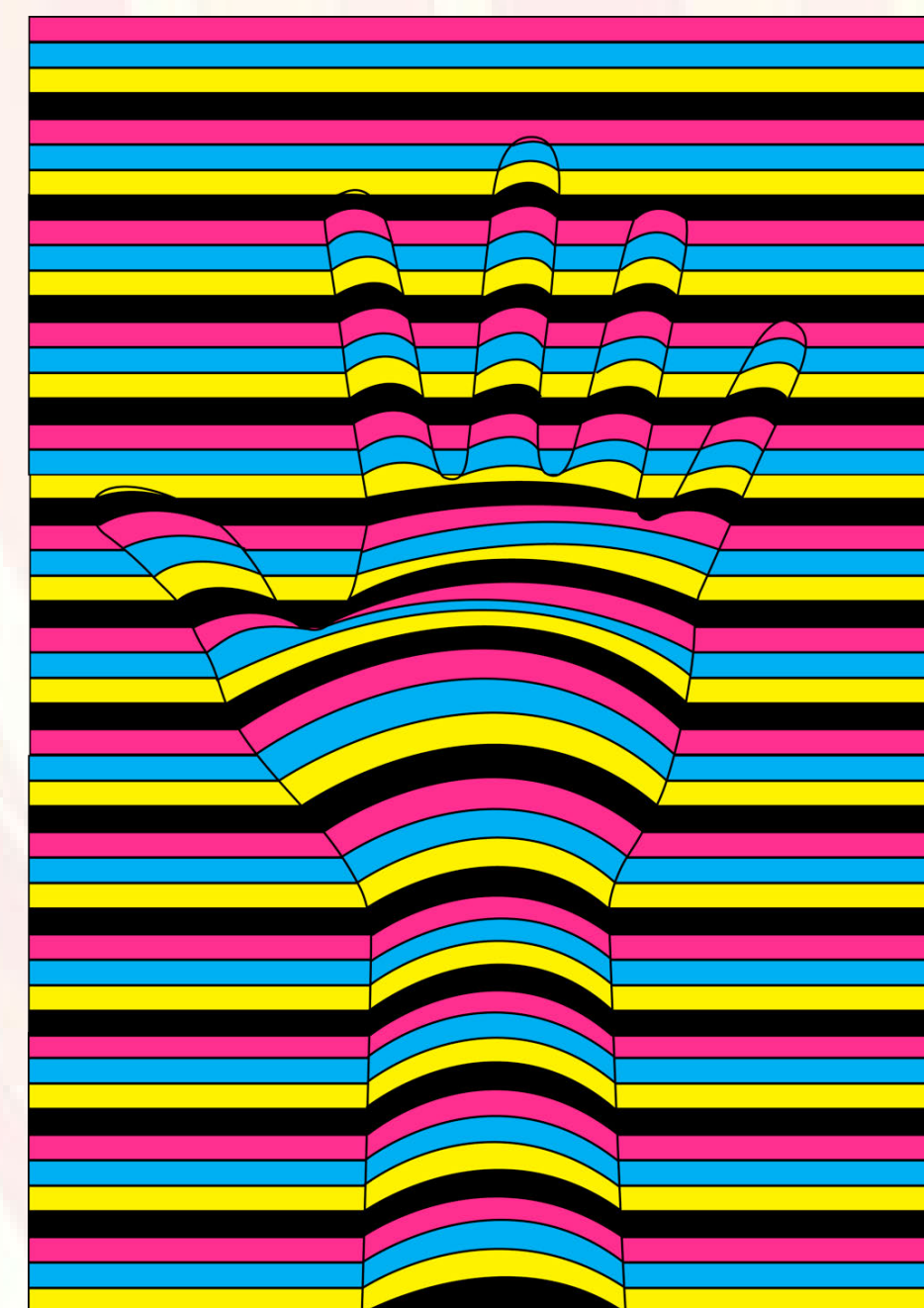
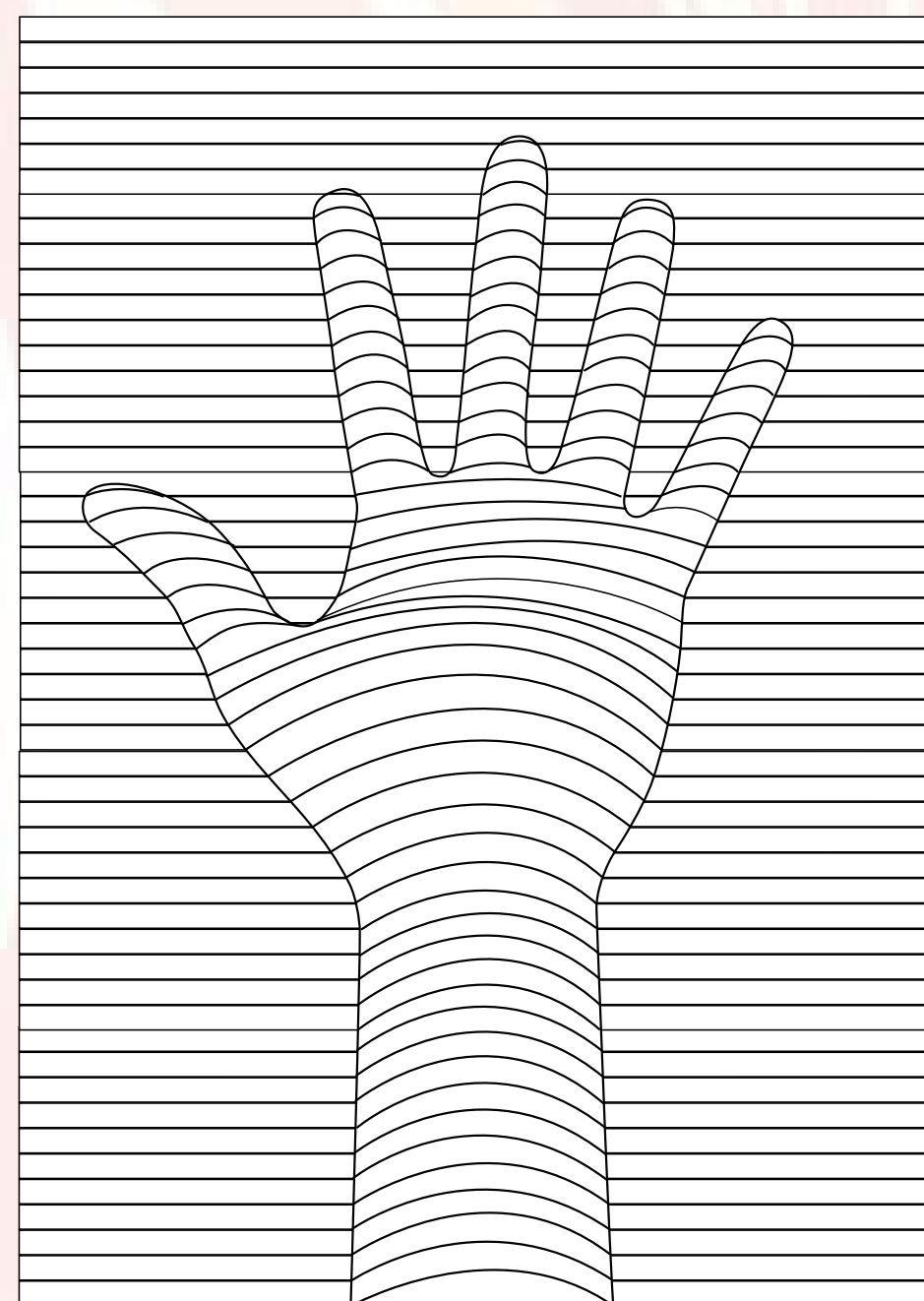
3D Hands



Draw around your
hand lightly in
pencil.

Use a ruler to draw
straight lines across the
whole page. Do not draw
through the hand!

Link the lines
through the hand
with curved lines.

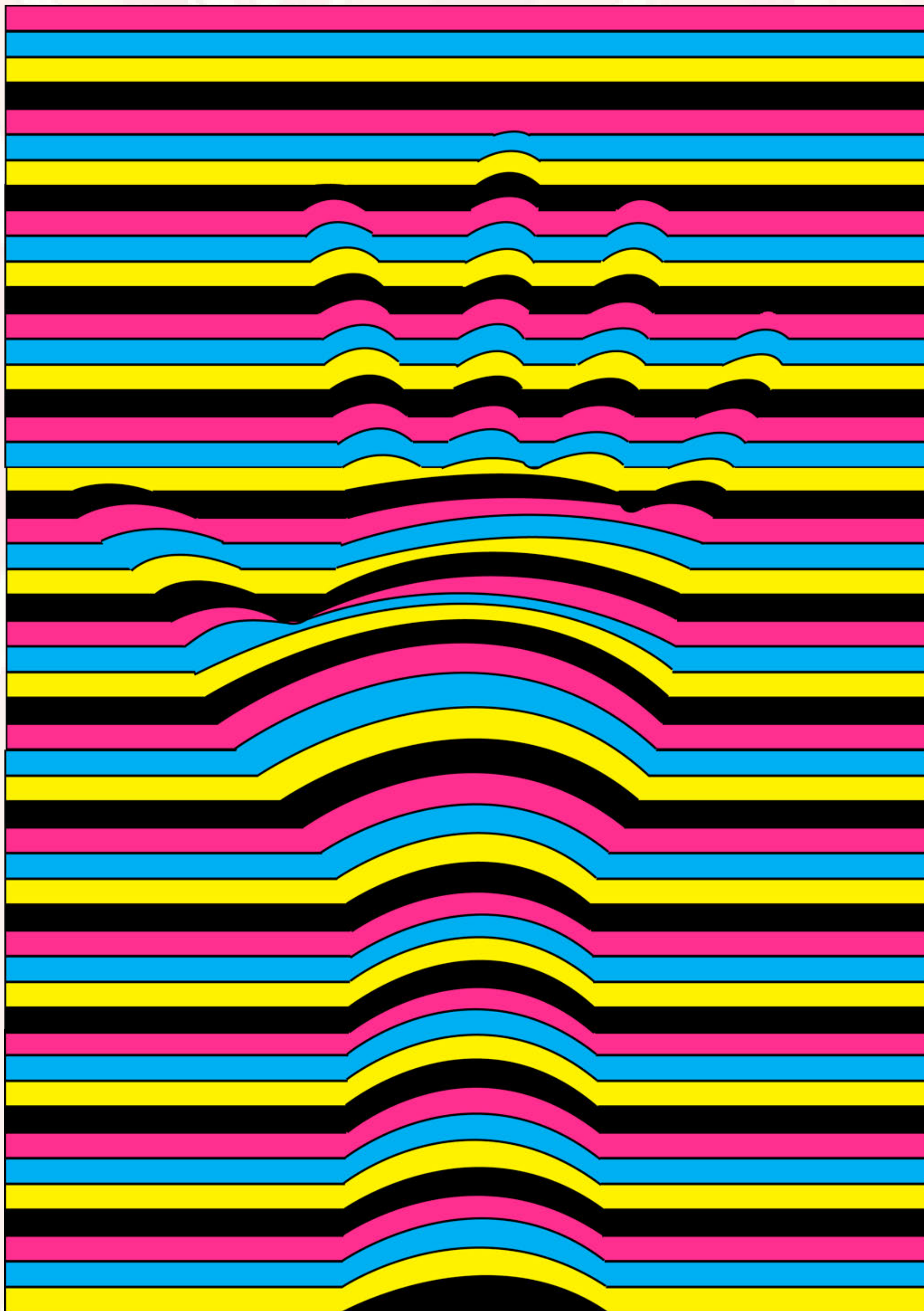


Keep going until
you have covered
the whole hand.

Colour each of the
lines a different
colour. Use an
alternating pattern.

If you have thick
felt-tip pens, you
can use these to
draw the coloured
lines without having
to draw it all out
first.





If you can still
see the pencil
line around the
hand, rub it out
to reveal your
3D hand!

Try experimenting with
different colours and line
thicknesses.

