



**An introduction to**  
**MULTICOLOUR**  
**MATHS**

Discover a world of maths in **colour...**

# A note for teachers...

Thank you for downloading this introductory workbook!

Get ready for a whole new perspective on maths as a creative subject - a language filled with patterns and beautiful connections. It only takes 30 minutes to get your head around how to calculate in colour, then the possibilities are endless!

These worksheets cover the very basics for students who may struggle with traditional maths and need a new approach, and then the difficulty level jumps considerably to provide stimulation for those with stronger confidence.

Multicolour Maths is a new method that I hope will inspire both teachers and students to see maths through a whole new lens and dispel the anxiety and fear that impacts so many.

## FANTASTIC FEEDBACK!

Your feedback is incredibly valuable. Multicolour Maths is only one year old and has already been used by over 500 schools, teachers and educators! It is so important at this stage to get feedback from you and your students - let's change the world of maths forever! So if you would like to be part of this exciting journey of development, you can fill out the short survey on our website by visiting the link below:

[www.multicolourmaths.com/feedback](http://www.multicolourmaths.com/feedback)

You can also find books, resources and an online course on our website!

A very colourful thanks!



and the Multicolourful Team

FEEDBACK FORM



# MULTICOLOUR MATHS

Welcome to the world of Multicolour Maths!  
Whether you are nervous with numbers or a  
maths magician, there are endless patterns  
to be found and so much beautiful artwork  
to be created!

Take your time and find your pace.  
Remember, maths is not a race.

So get ready for a maths lesson like  
no other...

Crayons out...

Colours bright...

Let's calculate in

colour!



**Each number is represented by a circle of colour.**



**Copy and create this colour number line and keep it with you! Then have a look around the classroom and see what colours you can find...**

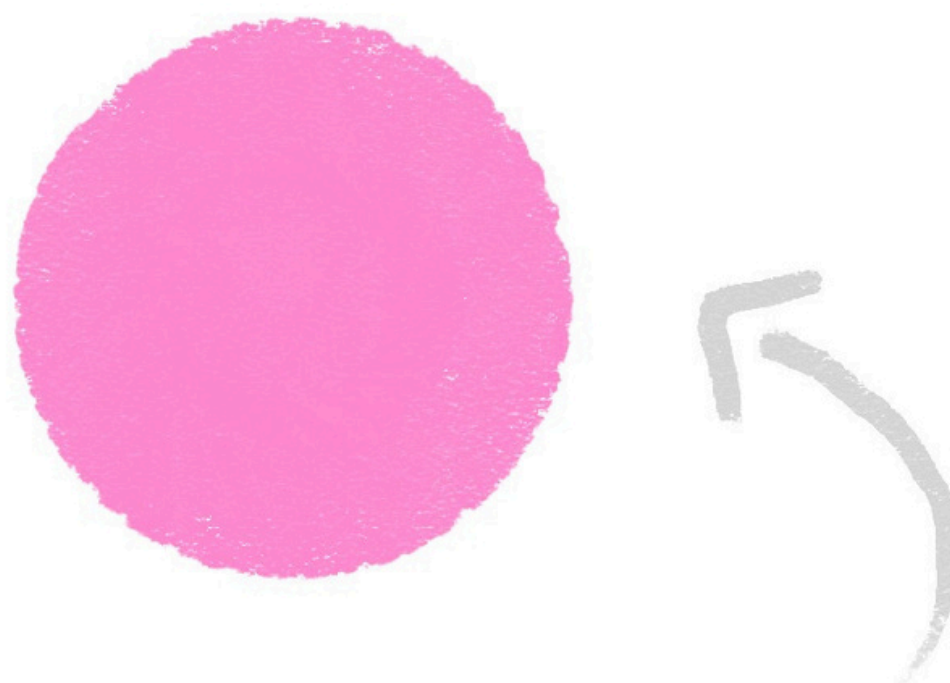
Let's create our first colour calculation together!

We will start from the bottom and build it upwards, like a flower growing into the sky...

**A circle of colour** represents a number.

Not getting bigger.

Not getting smaller.

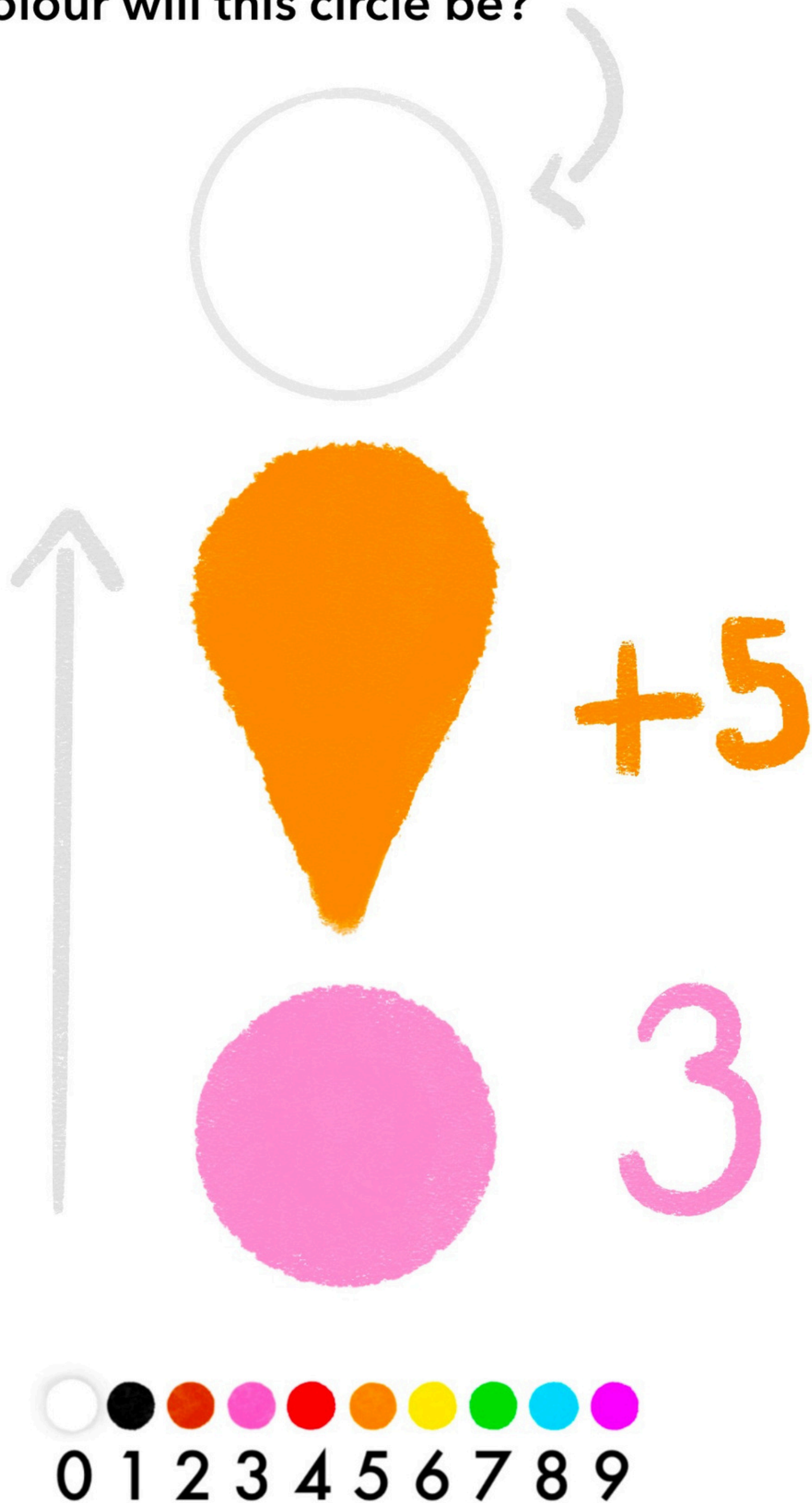


So, what number is this?

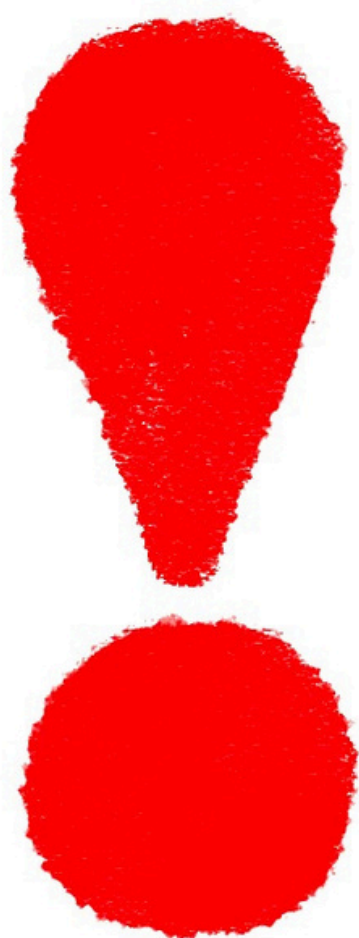


Let's add an orange balloon on top of the pink circle and read from the bottom up...

What colour will this circle be?

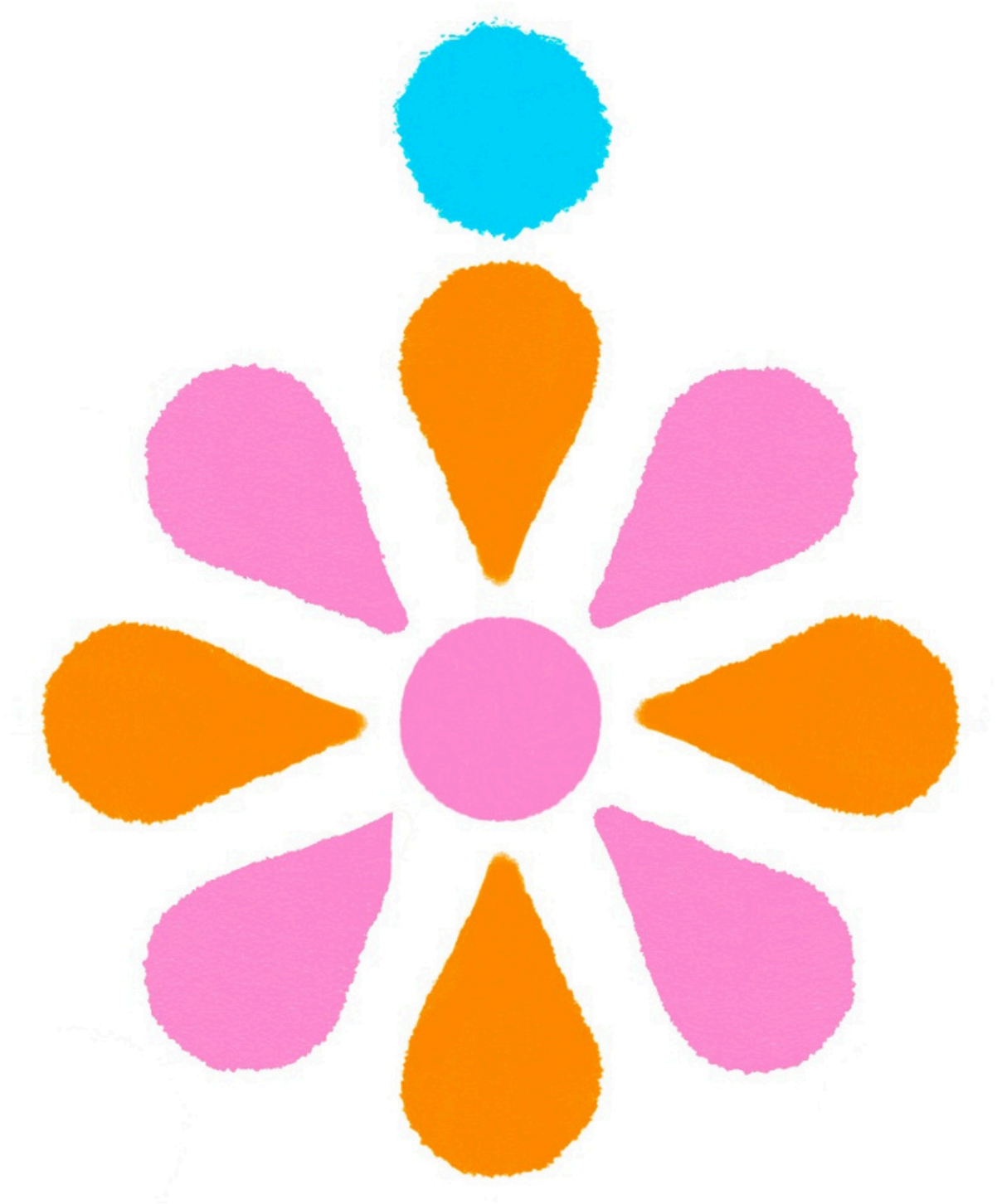


## Let's try some more...

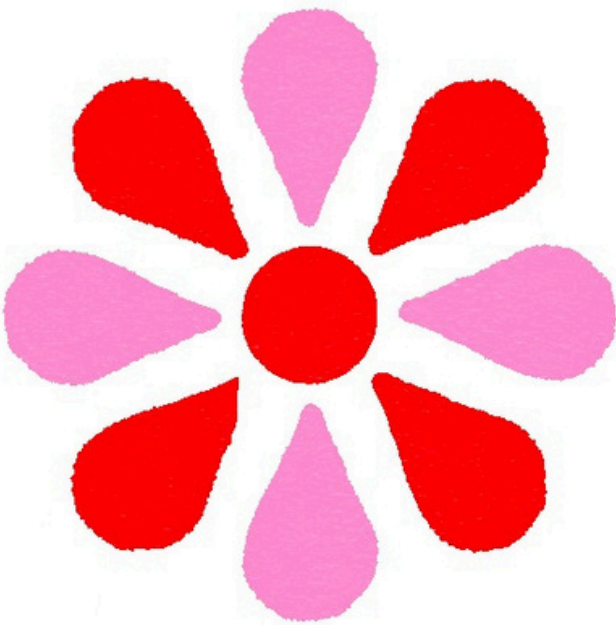




Have a go at completing this mandala...

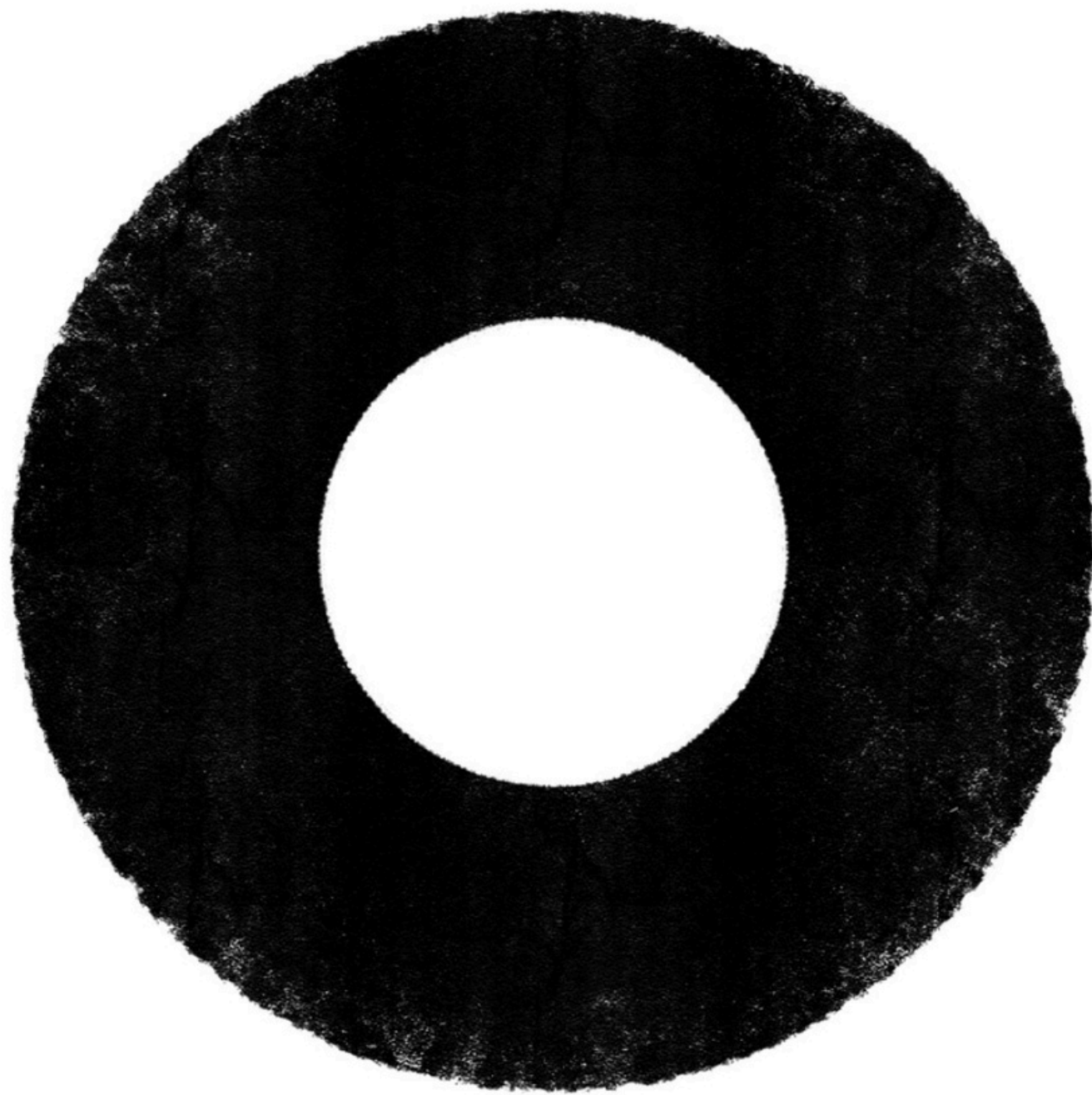


Let's create a garden of flowers!



The number ten uses the numbers 1 and 0.

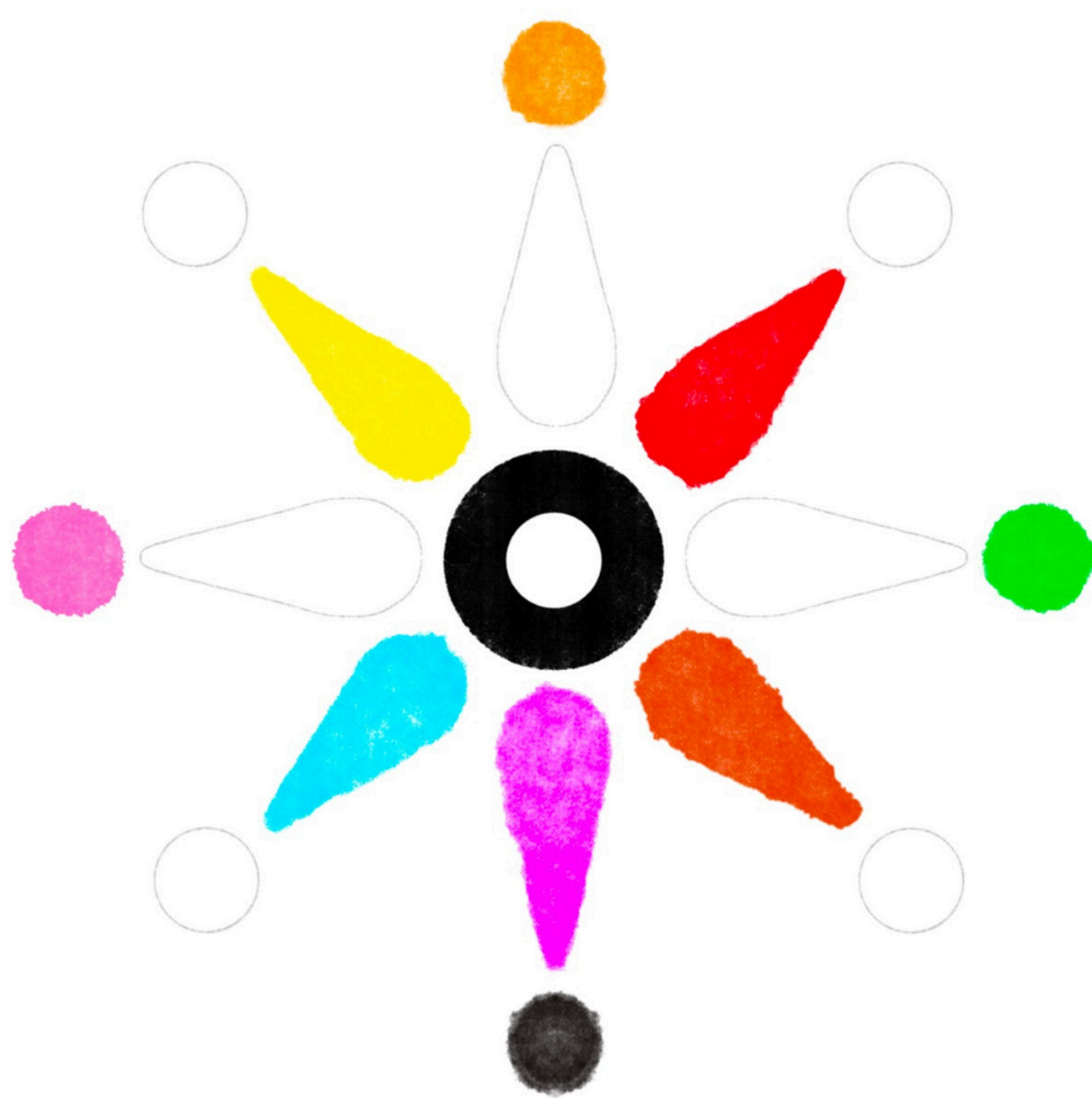
So ten looks like this...



We draw the black on the outside and keep white in the middle.

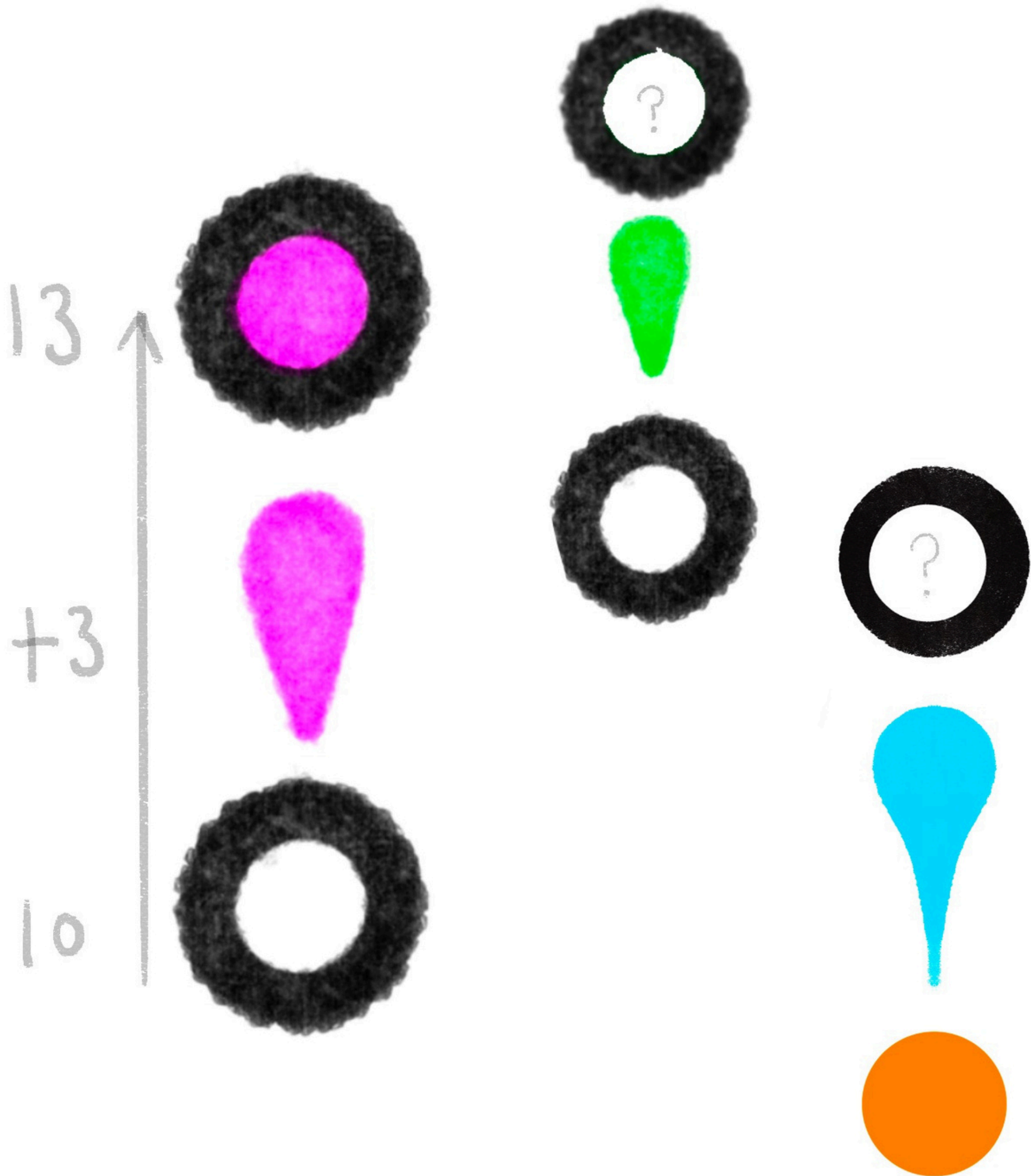


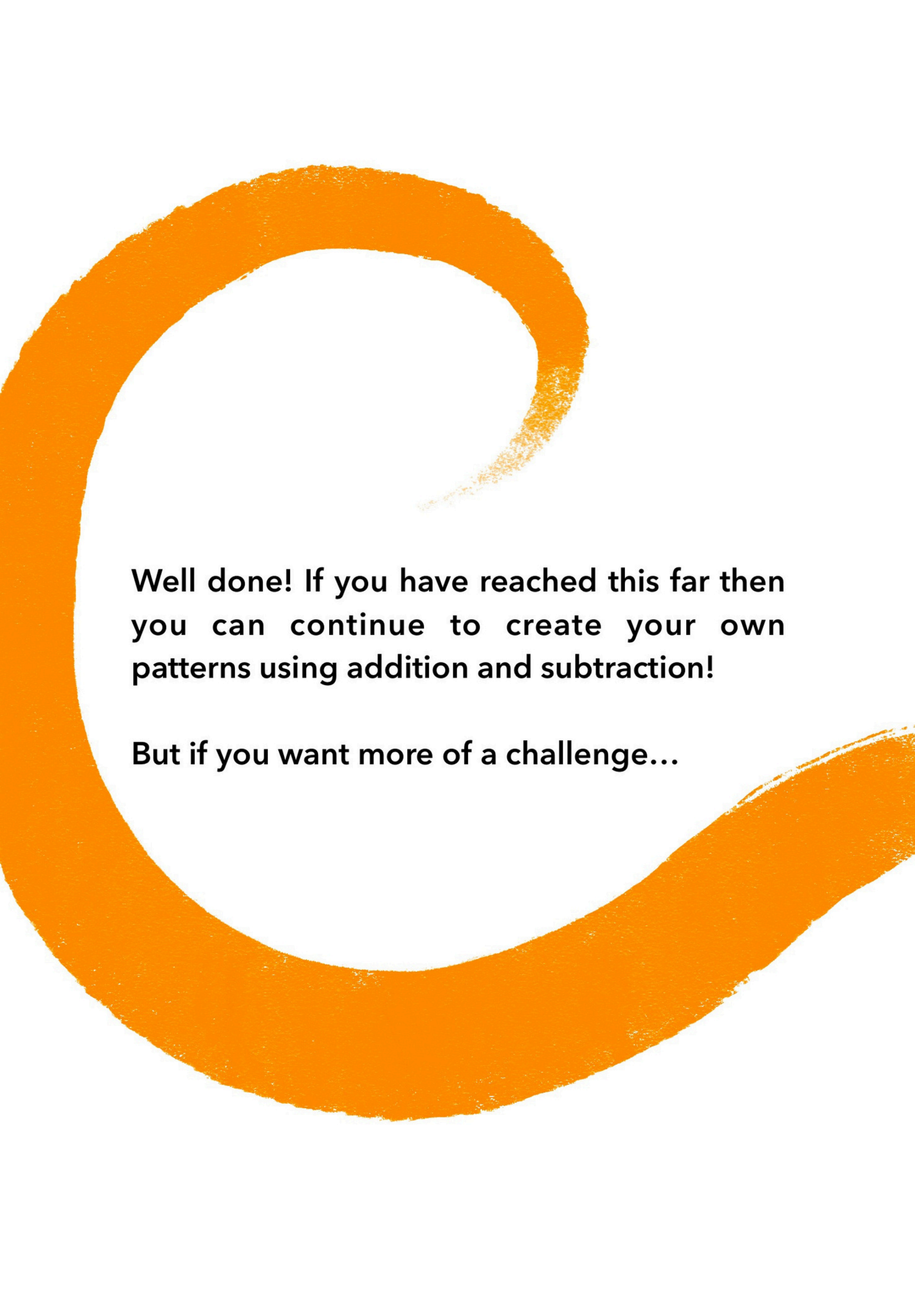
Have a go at completing this mandala using the number bonds to ten...



									
0	1	2	3	4	5	6	7	8	9

Here are some calculations reaching *above* ten...



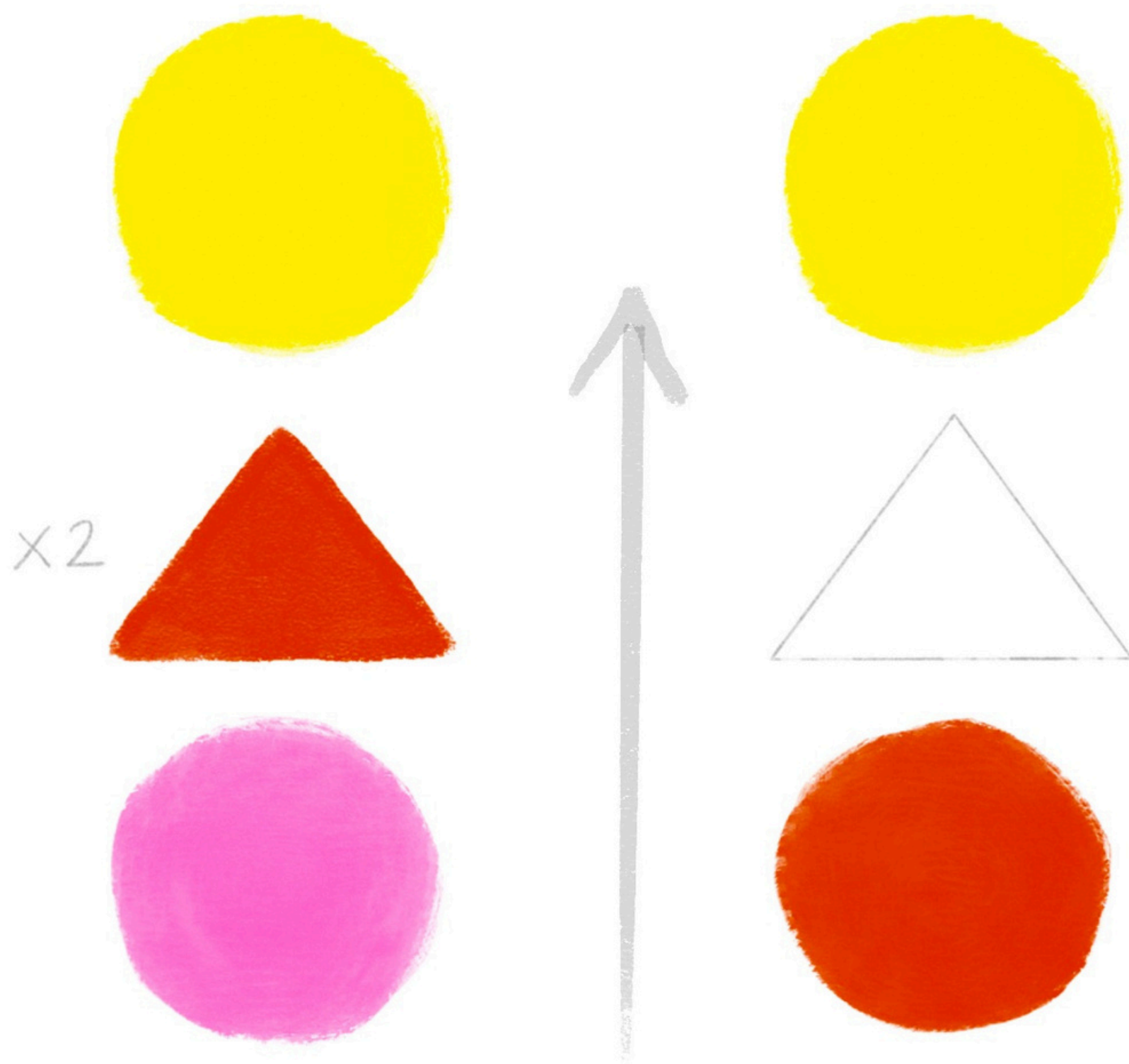


**Well done! If you have reached this far then  
you can continue to create your own  
patterns using addition and subtraction!**

**But if you want more of a challenge...**

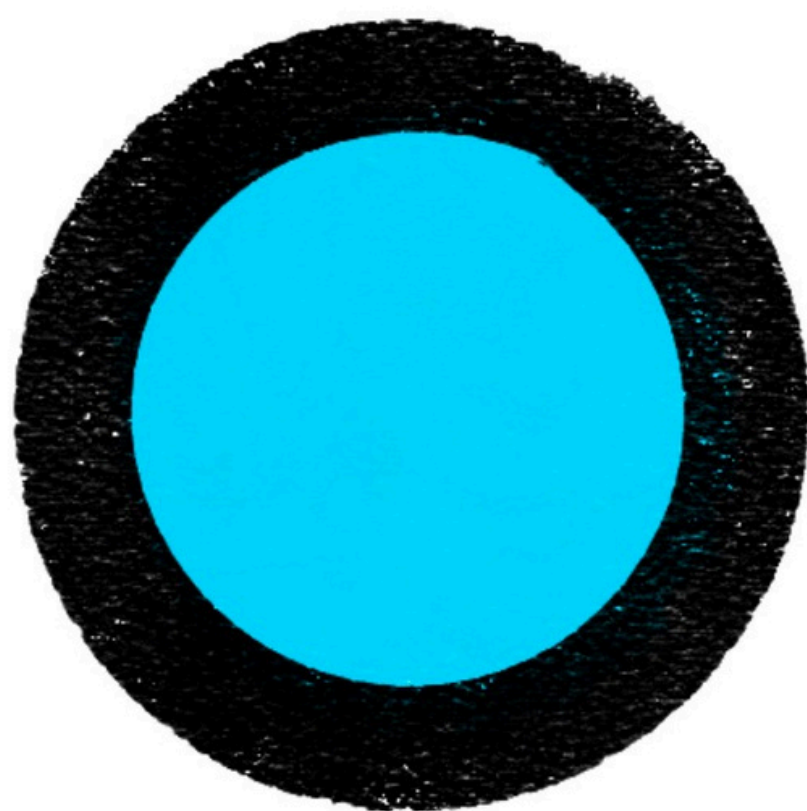


...let's jump to some **bigger** numbers,  
**bigger** patterns and the magic of  
**multiplication...**



A triangle means multiply *and* divide...





18

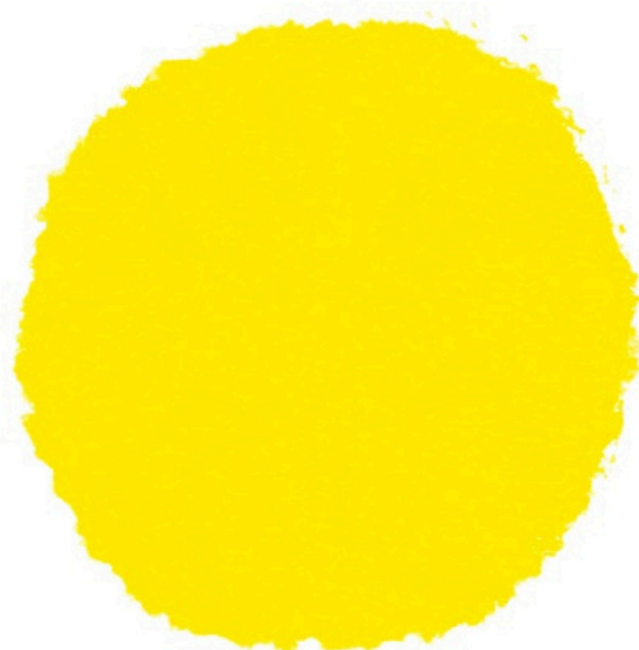
18

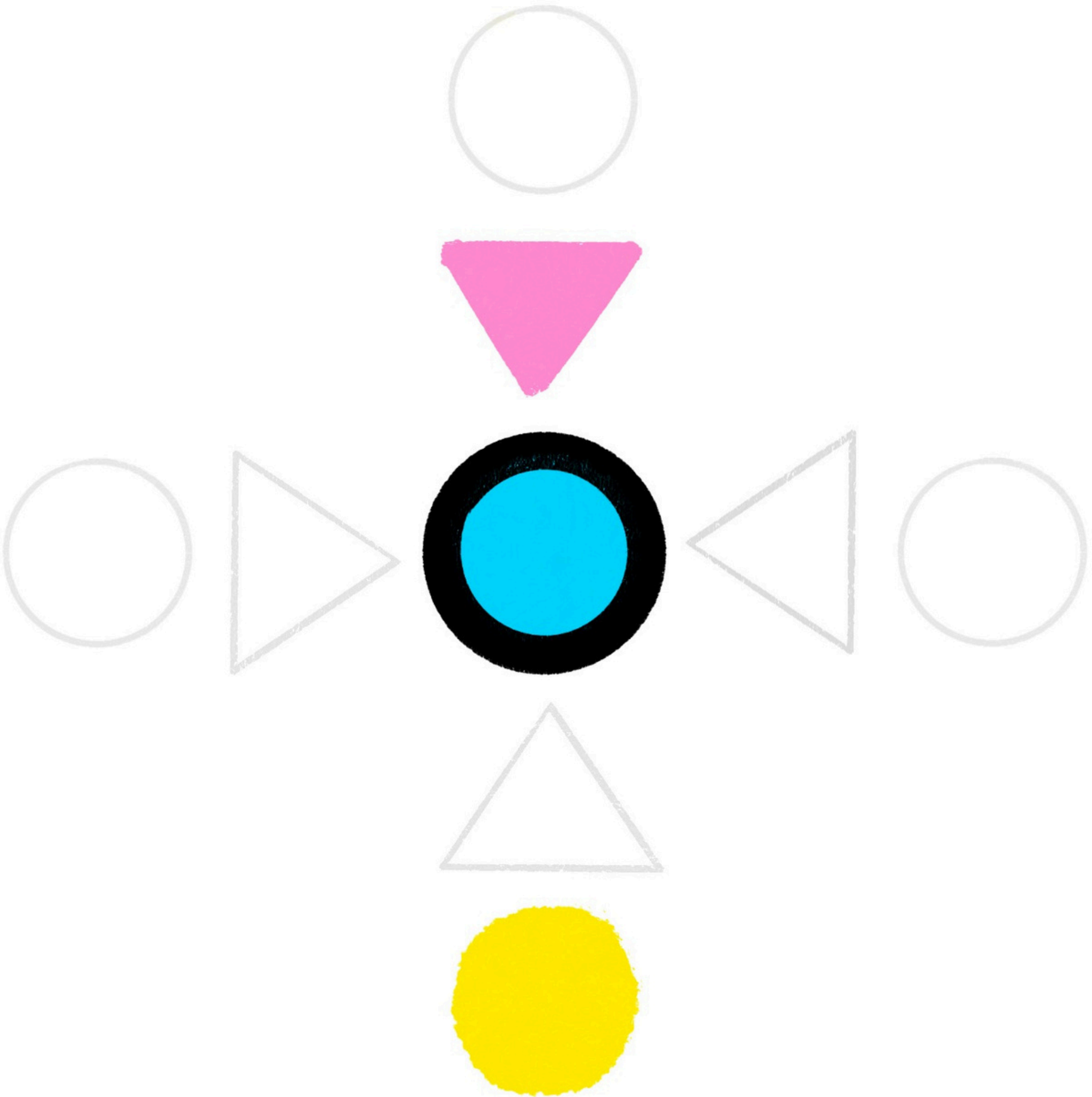
$\times 3$

$\div 3$

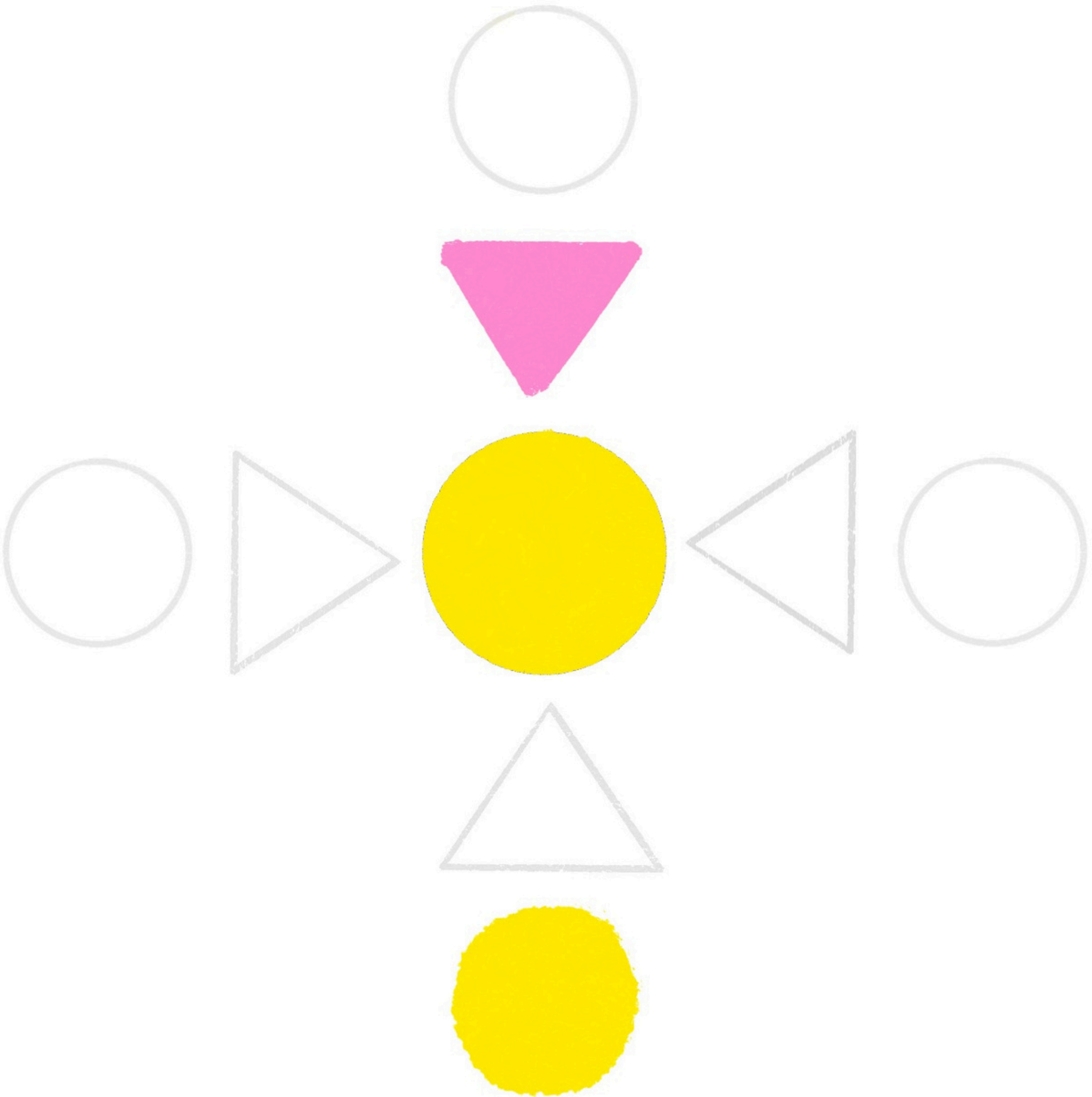
6

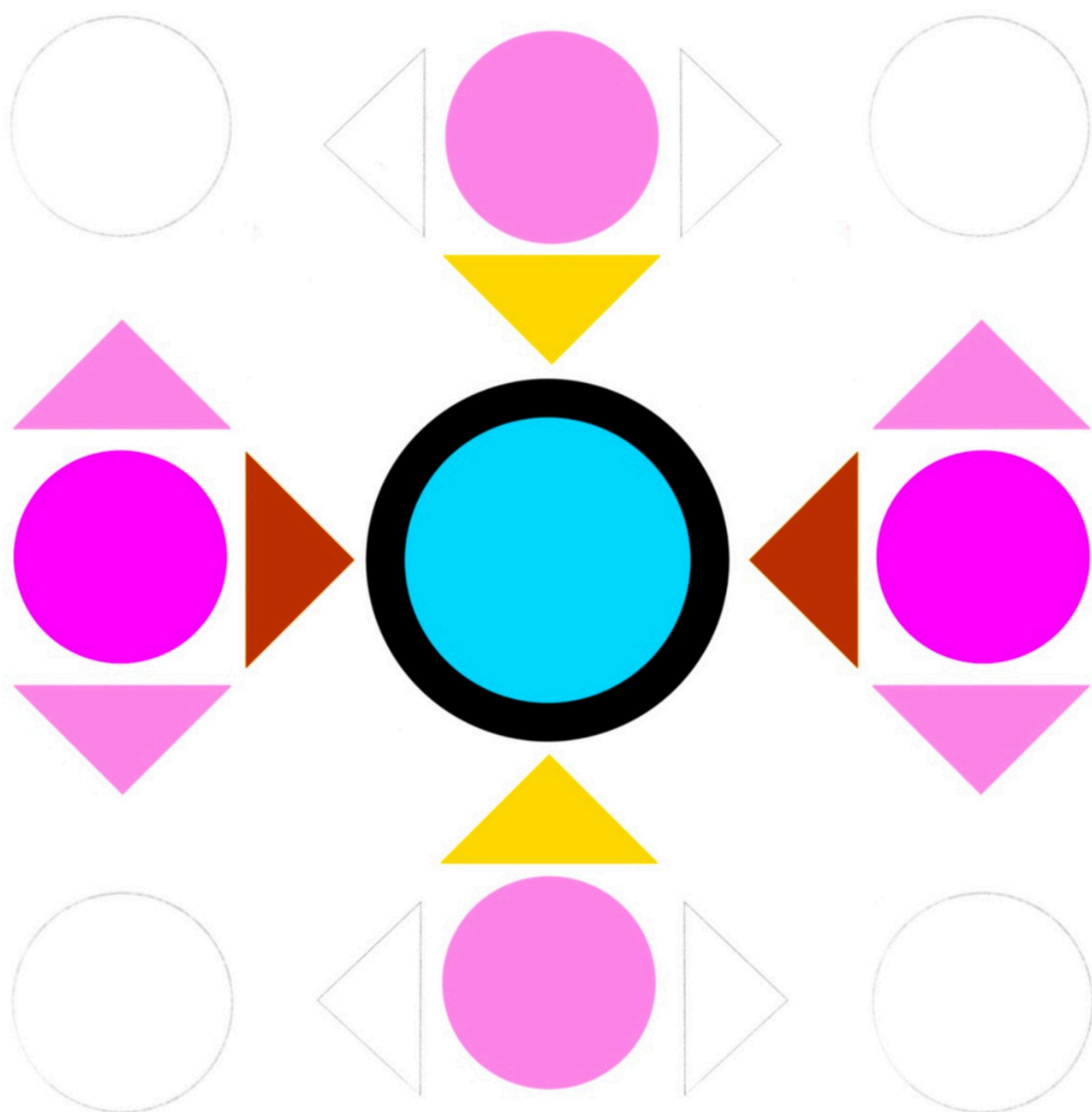
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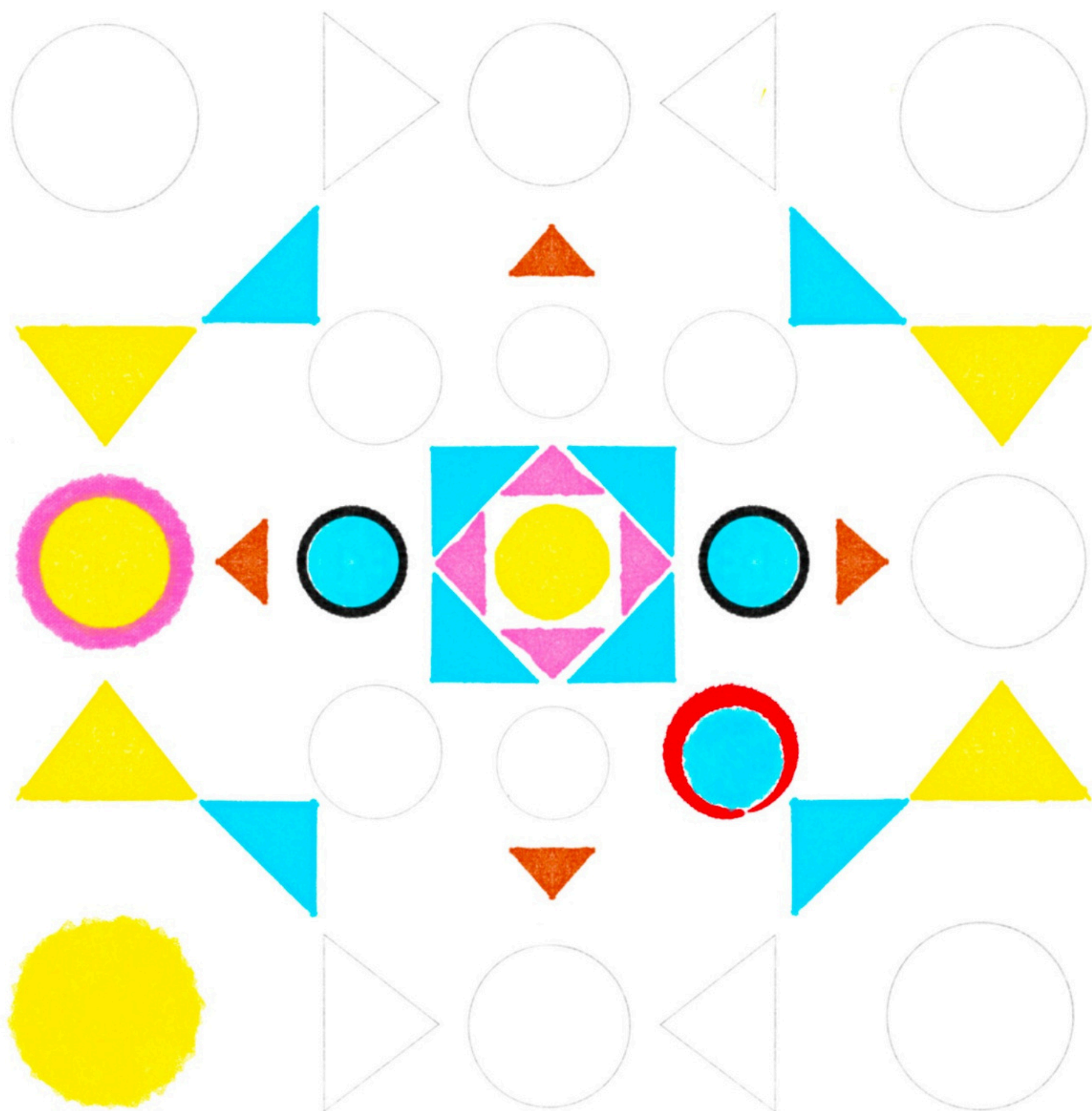


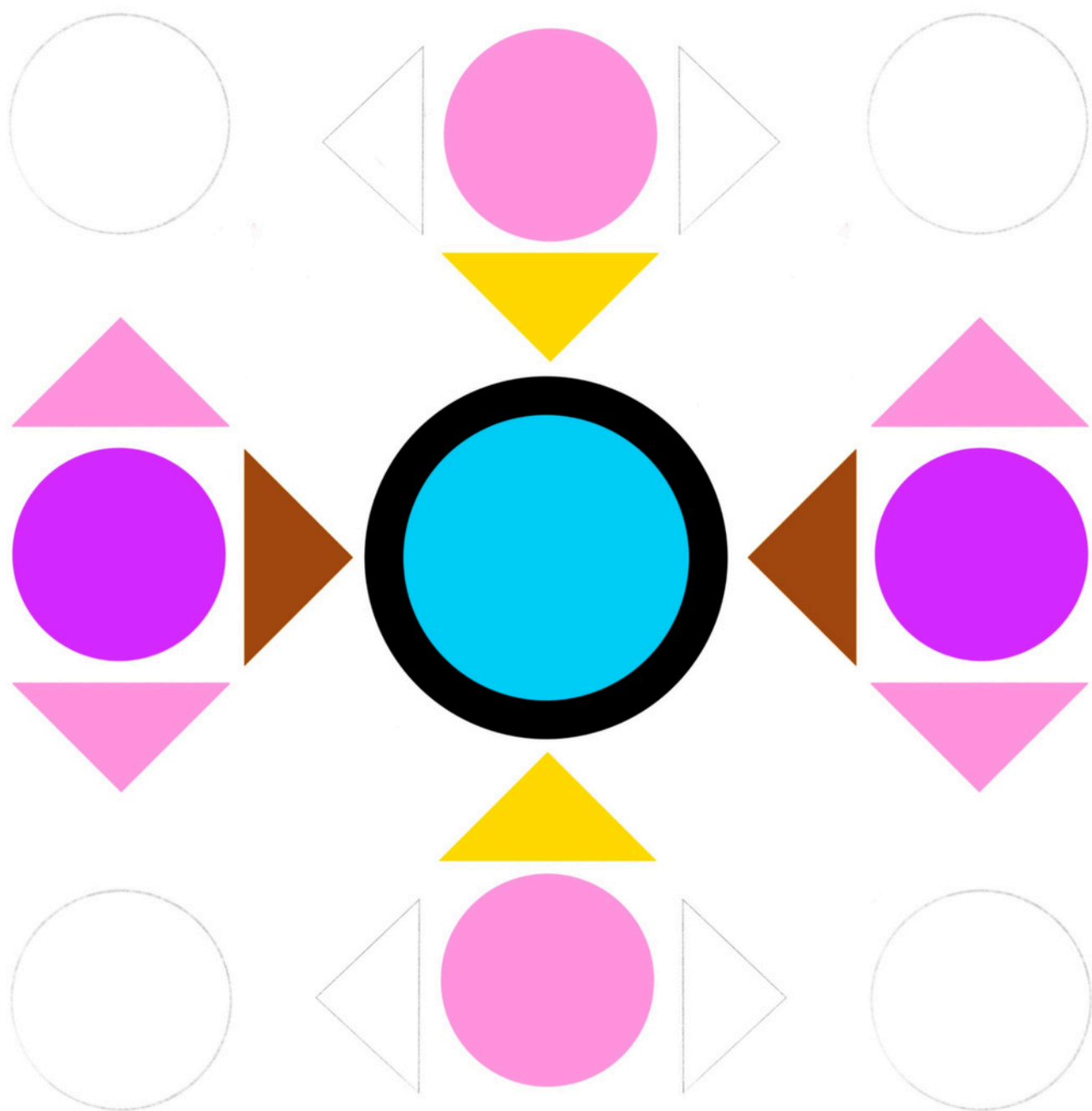


- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|











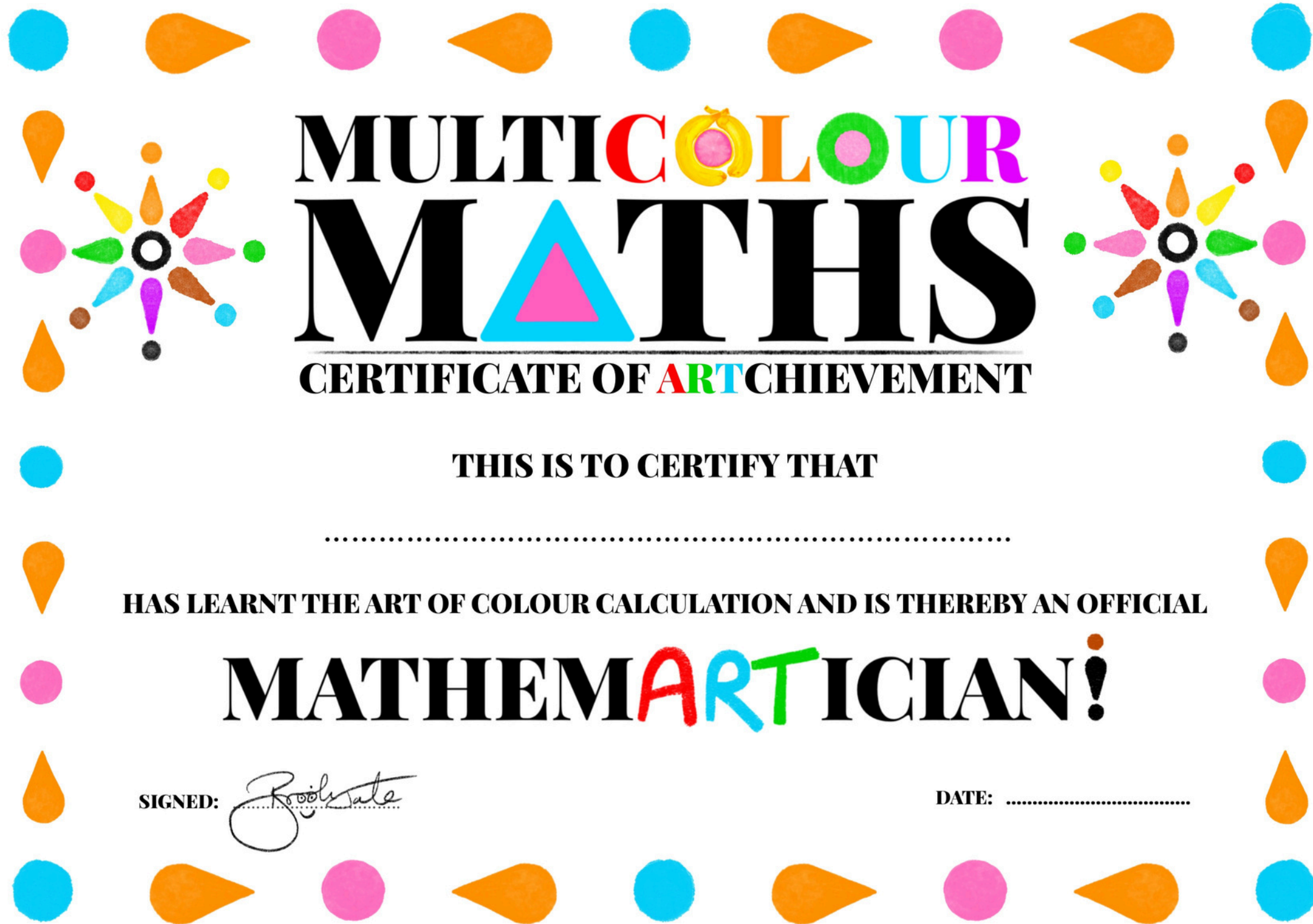
# MORE MULTICOLOUR MATHS?

**Congratulations!** You've cracked the code to a world of multicolour...

We would love to see your creations and hear from you! Visit [multicolourmaths.com/feedback](https://multicolourmaths.com/feedback)

**KEEP COLOURING!**





MULTI**C**OLOUR  
M**A**THS  
CERTIFICATE OF **ART**CHIEVEMENT

THIS IS TO CERTIFY THAT

.....

HAS LEARNT THE ART OF COLOUR CALCULATION AND IS THEREBY AN OFFICIAL

MATHEM**ART**ICIAN!

SIGNED: *Boohsate*

DATE: .....