



Oct 2023
Issue 150

This issue is all about **INFINITY** and **THINGS THAT NEVER END** and **THINGS THAT SEEM ENDLESS**.

In the world of adults, there are many things that seem to never end. And as an adult, time is precious.

You have been given a **BILLION POUNDS** to help solve some of these never-ending problems.

Please create new solutions to solve the problems below:

INFINITY EDITION

WASHING THE POTS



DOING THE LAUNDRY

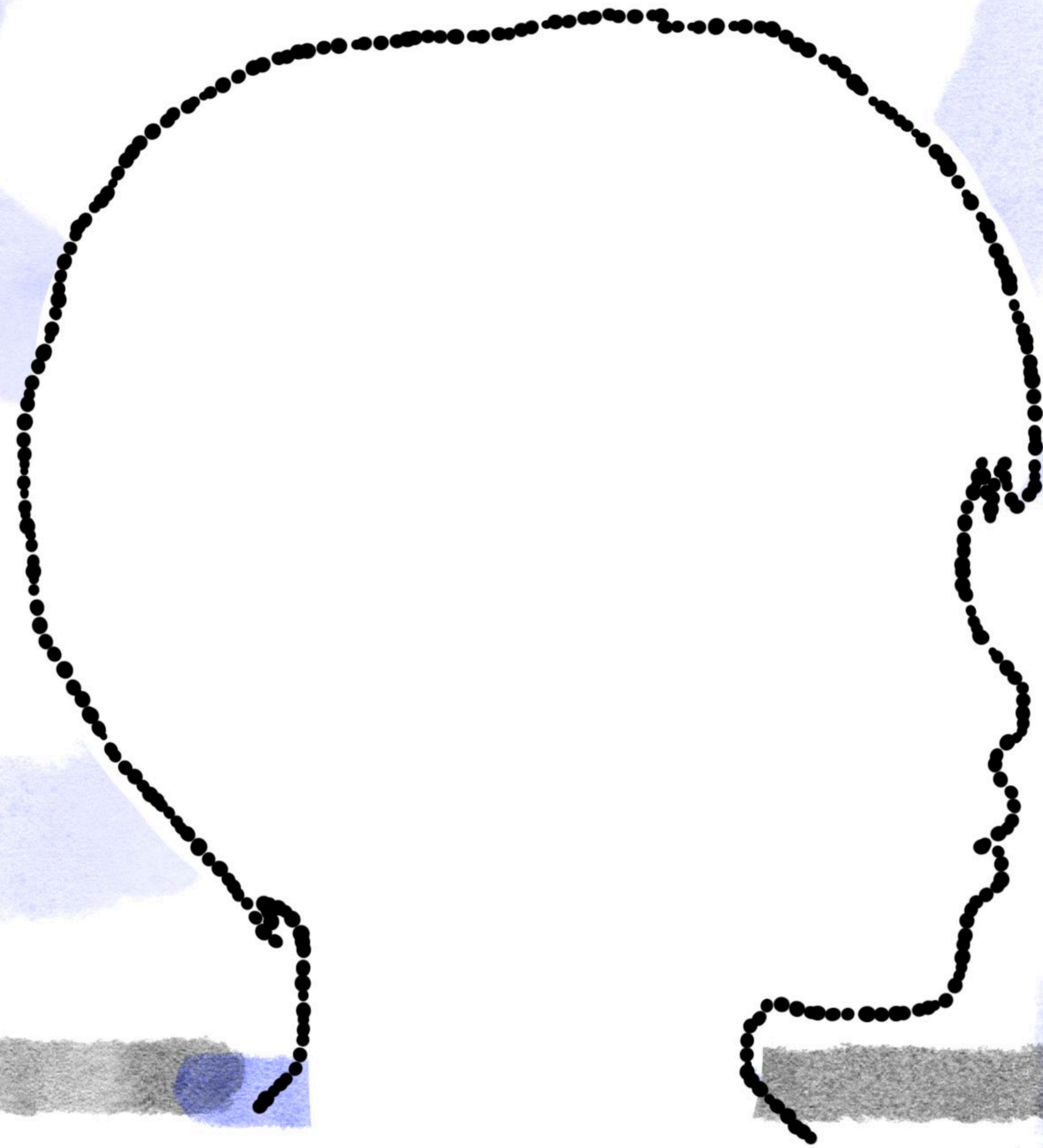


DOING THE IRONING



The dictionary describes infinity as: "unlimited extent of time, space, or quantity"

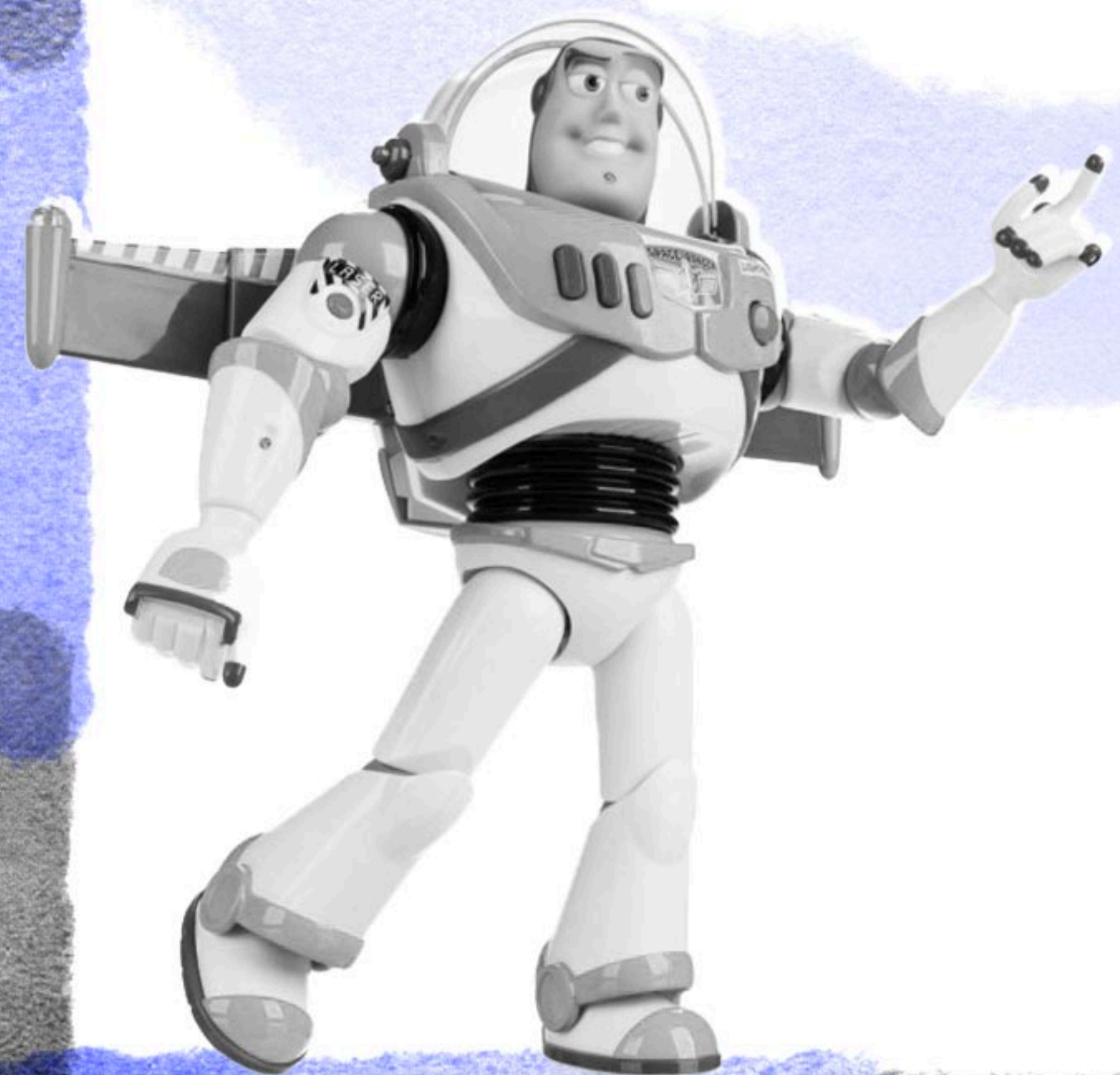
Please draw how your brain feels when you think about the concept of infinity.



Look at that – Buzz Lightyear from Toy Story is here.

He famously wanted to go "TO INFINITY AND BEYOND".

Please draw infinity and beyond below.

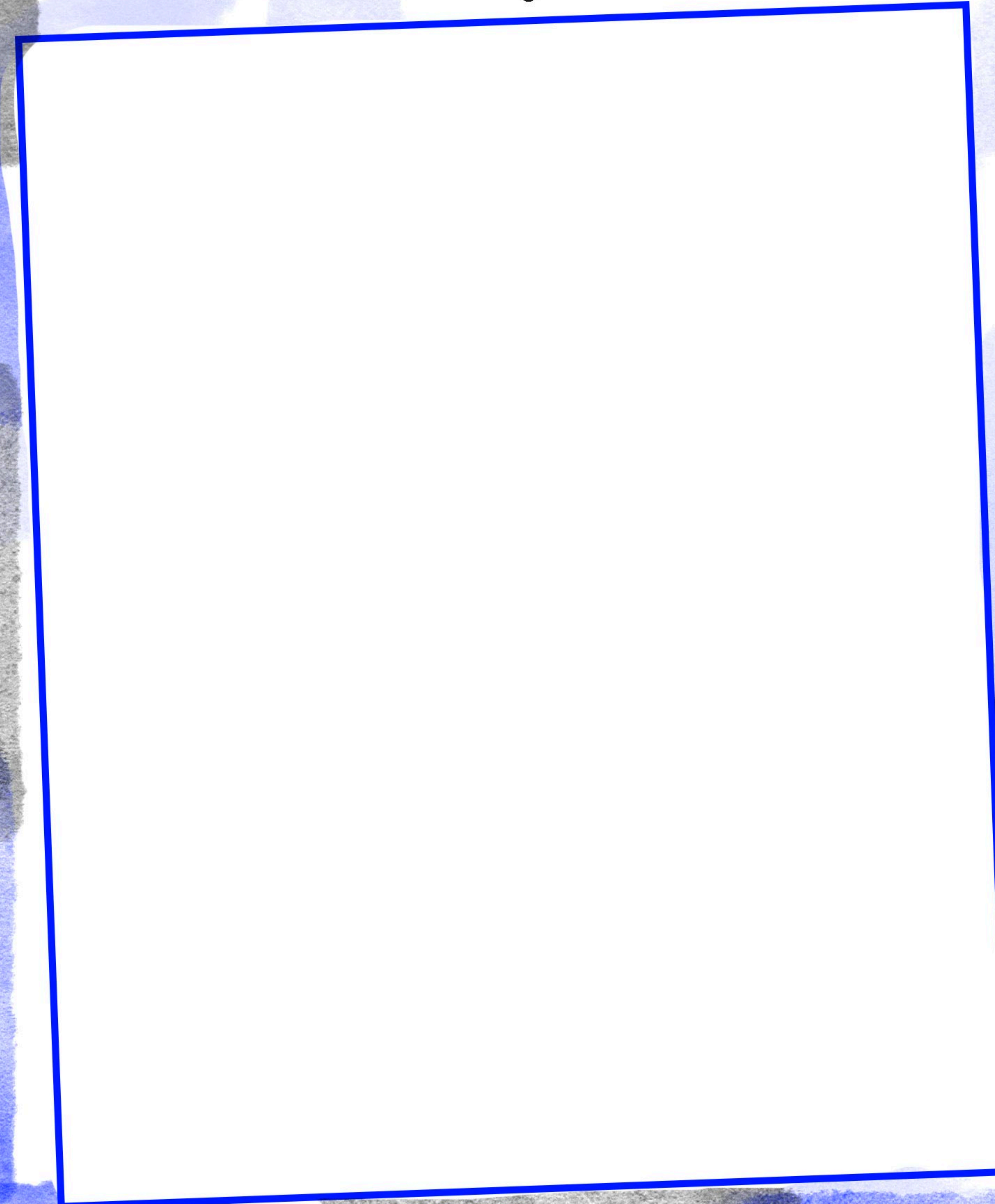


We've learned that infinity is something that basically never ends. It goes on and on and on and on.

The Fast and Furious is a movie franchise that goes on and on. It's about cars, and spies mostly.

Imagine the year is 2675. Fast and Furious have contacted you to design a cover for Fast and Furious: 348.

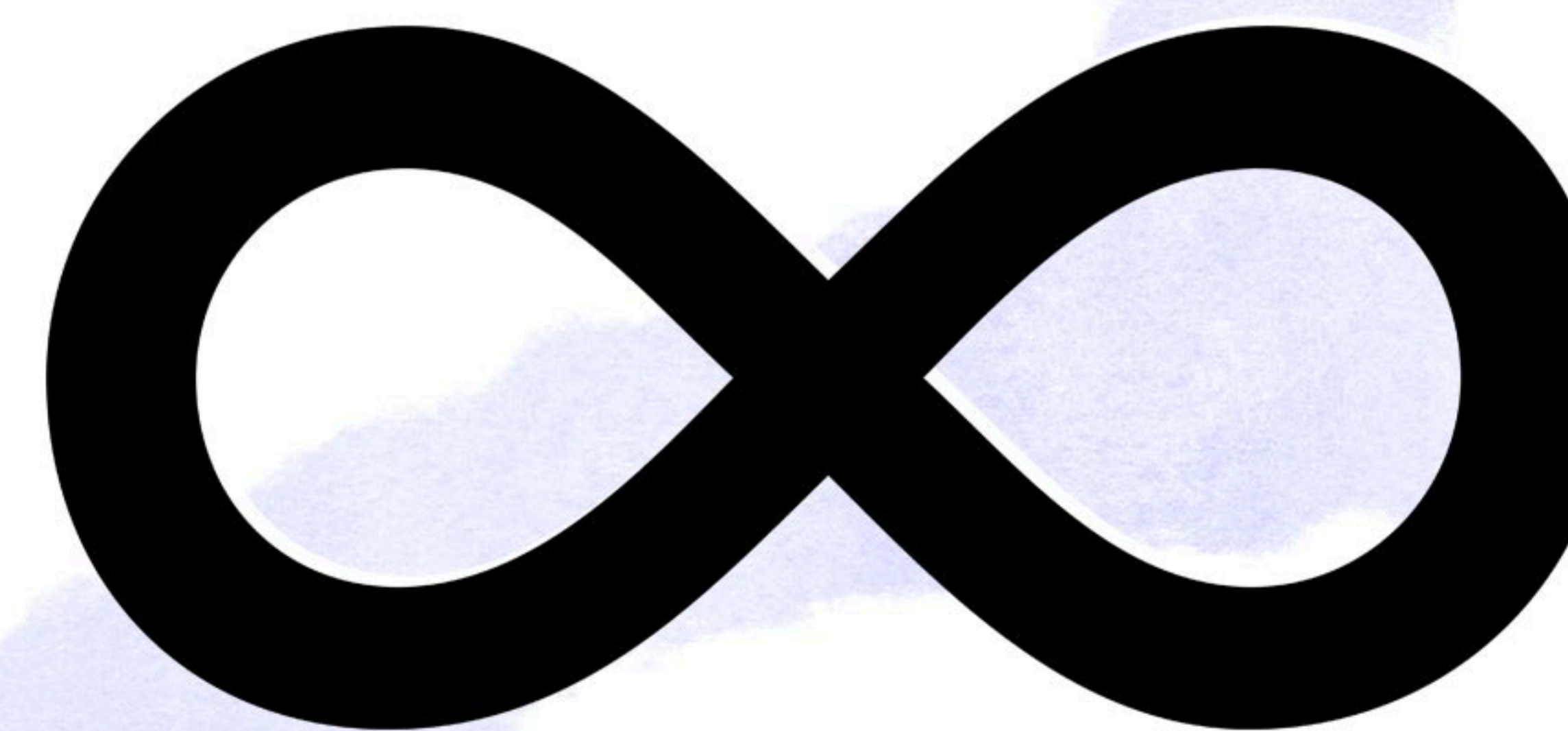
Please design the cover below:



This is the mathematical symbol for infinity.

Please create a better symbol for infinity below:

It's a bit rubbish – it looks like a number 8 has fallen over.




It's finally happened. Aliens have made contact with Earth.

They've contacted you via Twitter, and they want to know what's been going on on Earth since the world began.

Write your tweet back to the aliens summing up the whole world in 140 characters or less.



SlugClub 
@slugclub



 144.8K  124.3K  Copy link to Tweet

Imagine if tomorrow was exactly the same as today.

If you had your time again, and could rewind today, what three things would you do differently?

Please draw them below.

ABRACADABRA

ABRACADABRA

ABRACADABRA

ABRACADABRA

ABRACADABRA

ABRACADABRA

ABRACADABRA

ABRACADABRA

ABRACADABRA

ABRA

A

10:27:59
10:27:59

THIS IS NOT A
SPOKEWHEEL

Hello everyone,

Today we are going to make something that on first impression looks very simple and even unimpressive, but once you ACTIVATE it, it doesn't look so simple after all...

FLEXAGONS

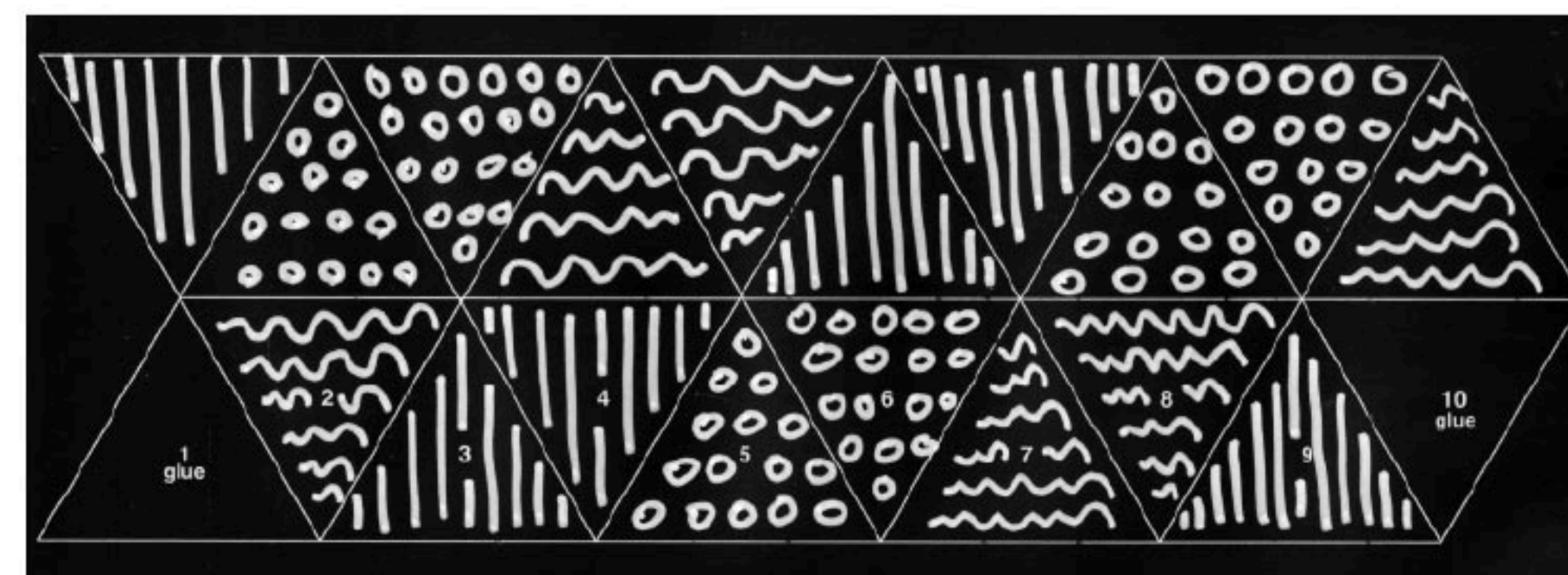
In which strips of paper are used to make hexagonal figures with unusual properties

We are going to make a **FLEXAGON** = a flat flexible paper model, that can be folded to reveal various sided (each side is called a FACE). This was first made in 1939 by British mathematician Arthur Harold Stone (1916-2000), while he was student at Princeton University in the United States. It happened as most great things happen, by chance, when he noticed his new American paper would not fit in his old English binder so he cut off the ends of the paper and for his own amusement he began folding them into different shapes. The flexagon is based on a Möbius loop = a surface that can be formed by attaching the ends of a strip of paper together with a half-twist.

There are many kinds of flexagons, specifically we are going to make a **trihexaflexagon** (WAIT WHAT????!! Don't worry it just sounds complicated) - it is in the shape of a hexagon (= a plane figure with six straight sides and angles) and it has three (TRI) different sides/faces that may come up while folding. So repeat after me **TRI-HEXA-FLEXAGON**. Let's start!

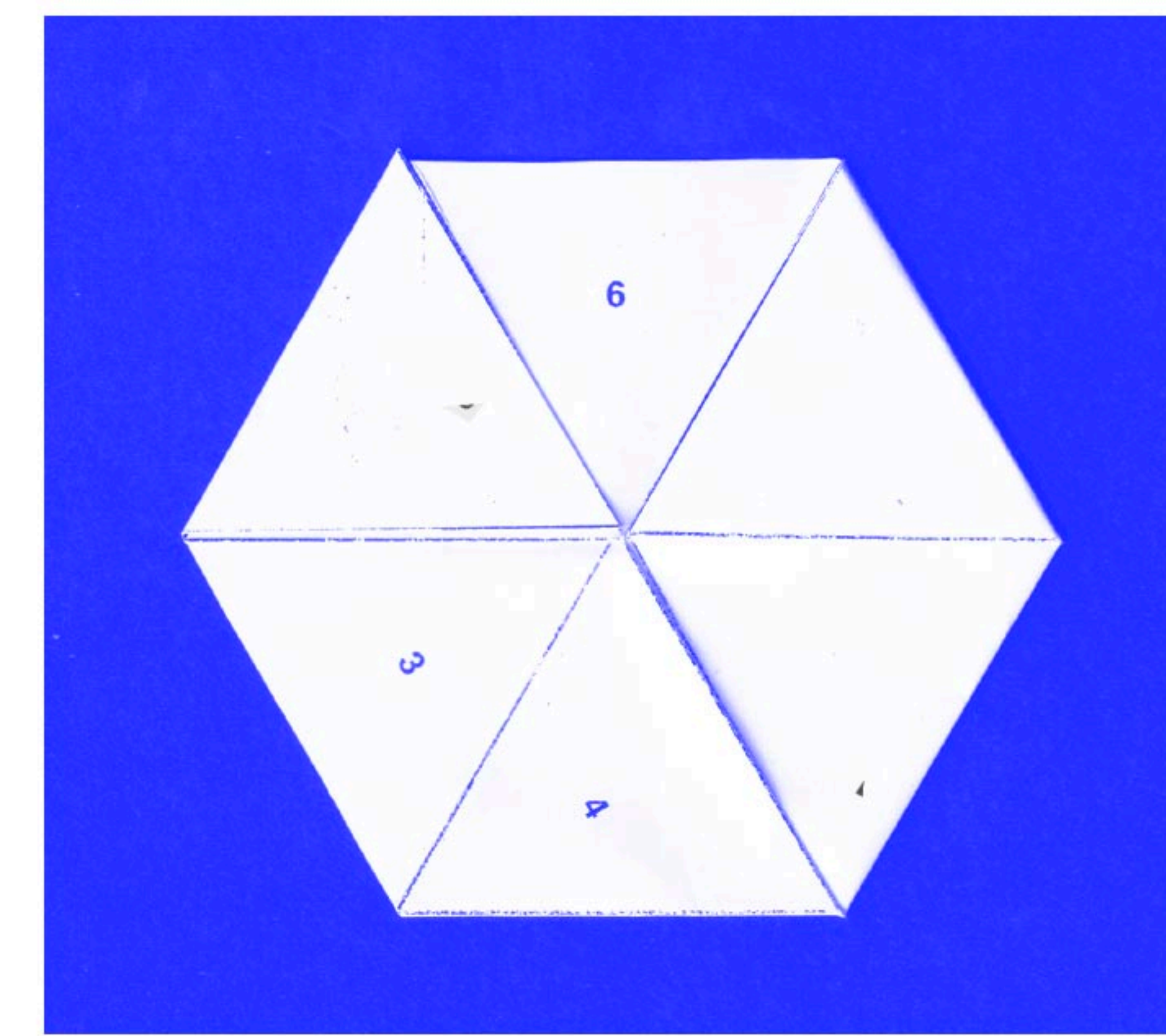
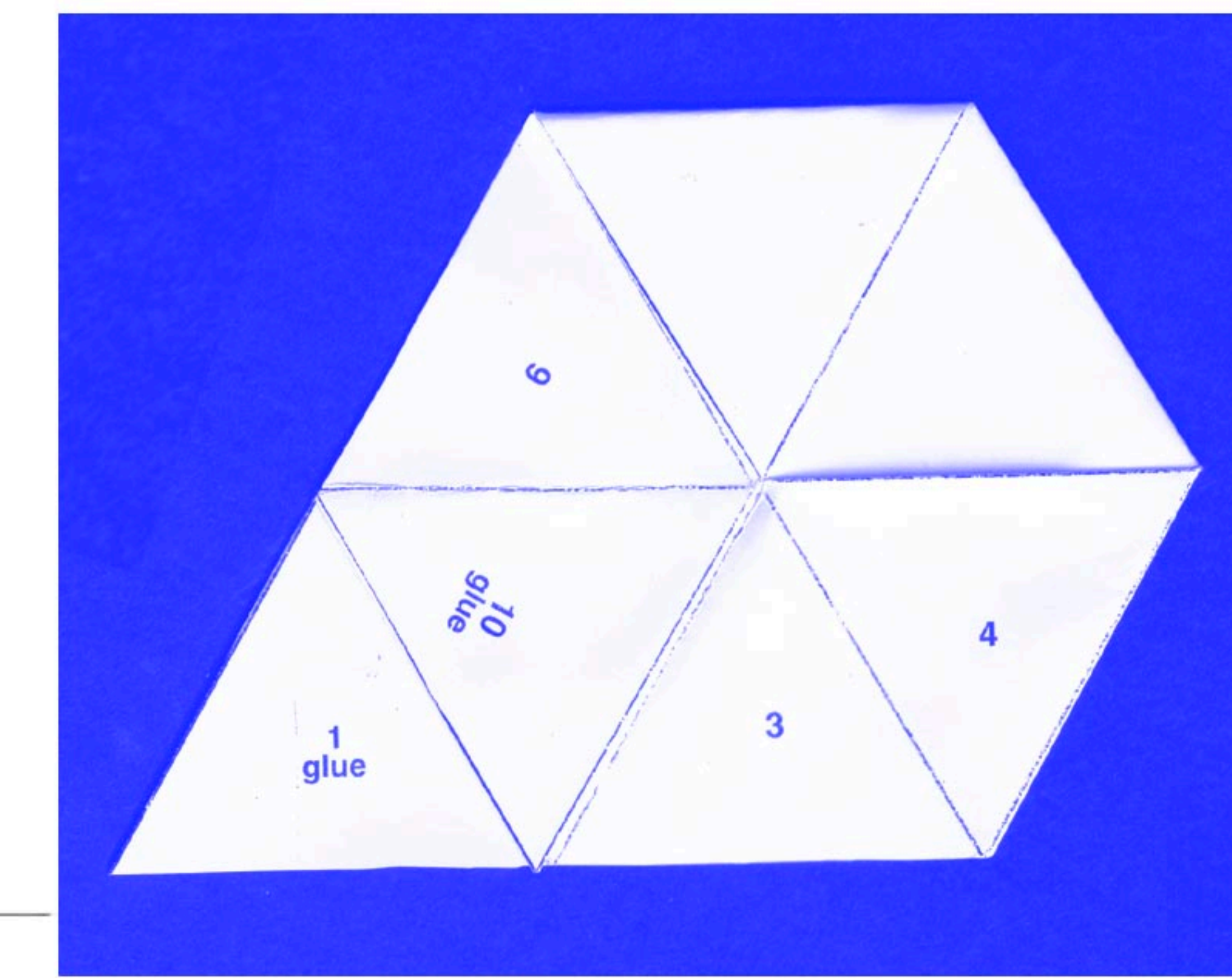
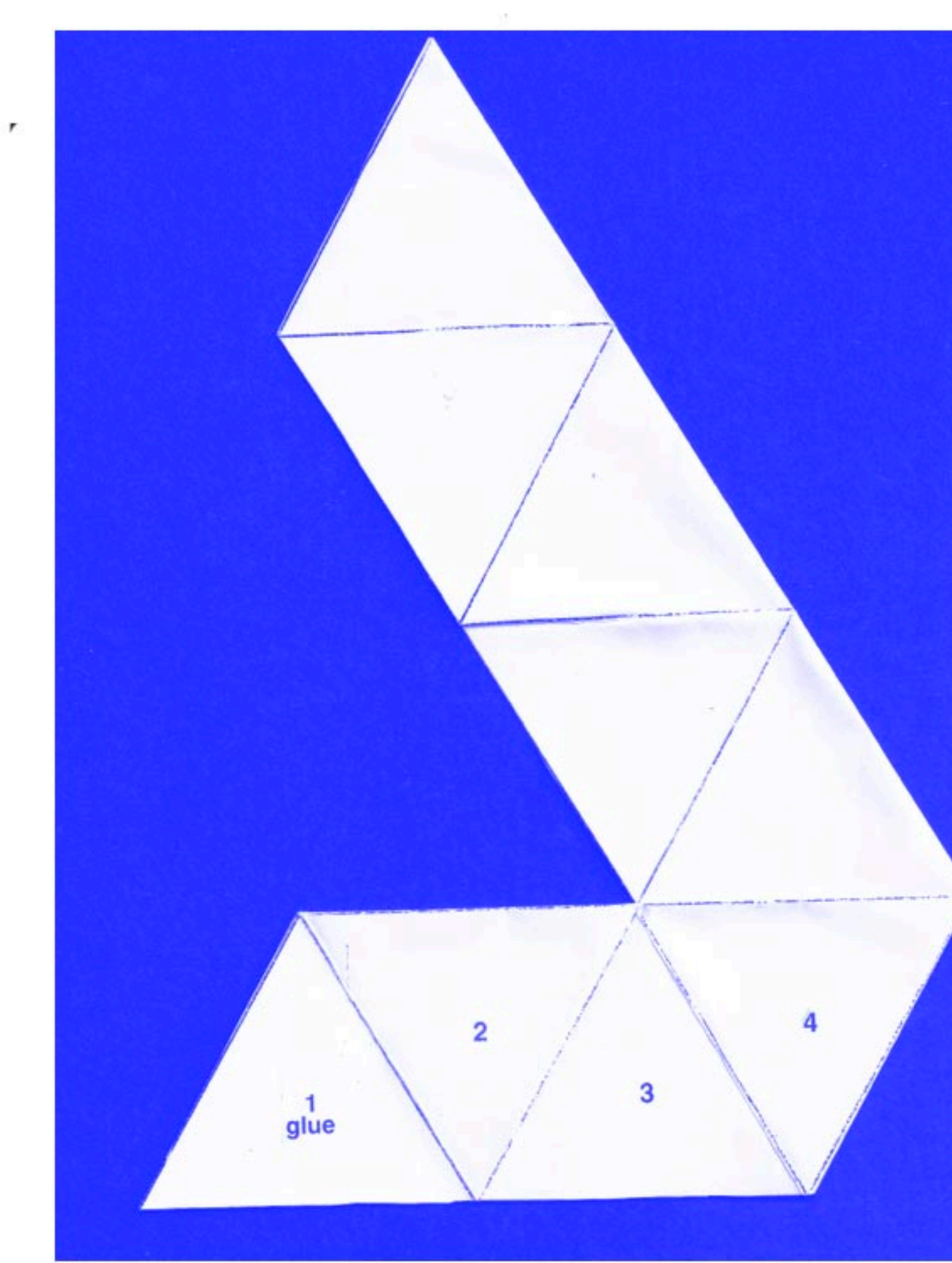
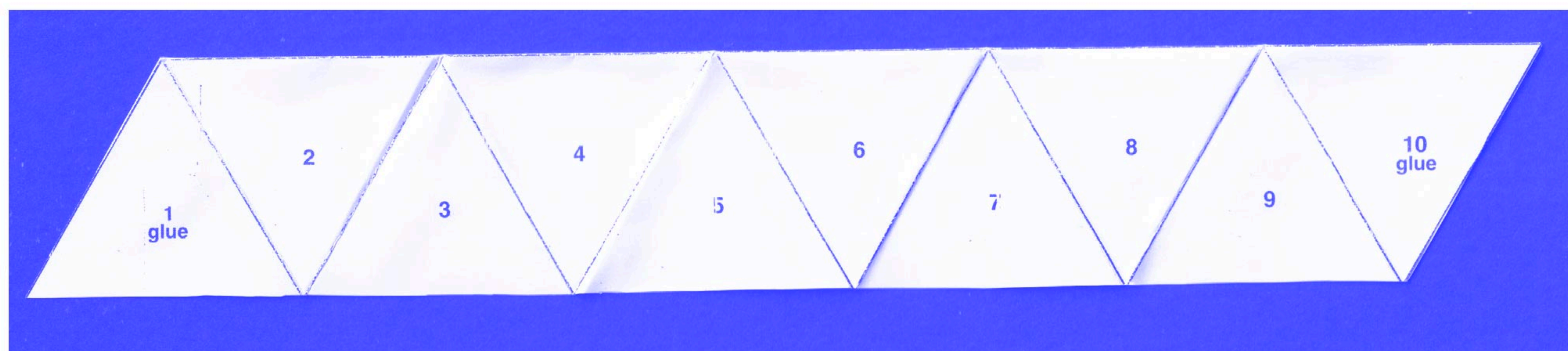
You will need:

- Paper with the trihexaflexagon template (printed here). You can also copy the template to a different paper if you wish.
- Scissors.
- Glue Stick.
- Various colours of your choice to paint/draw the 3 different faces.

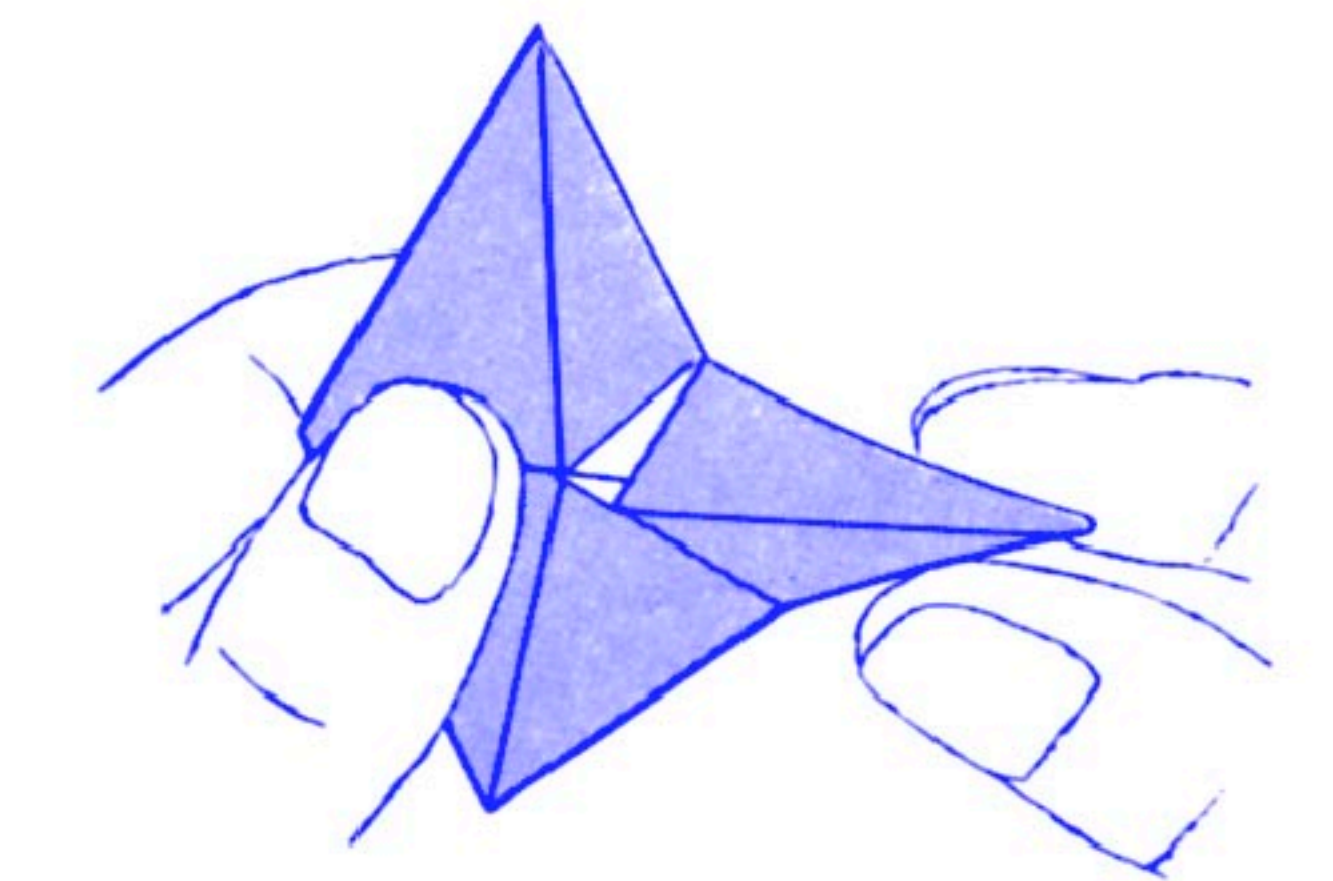
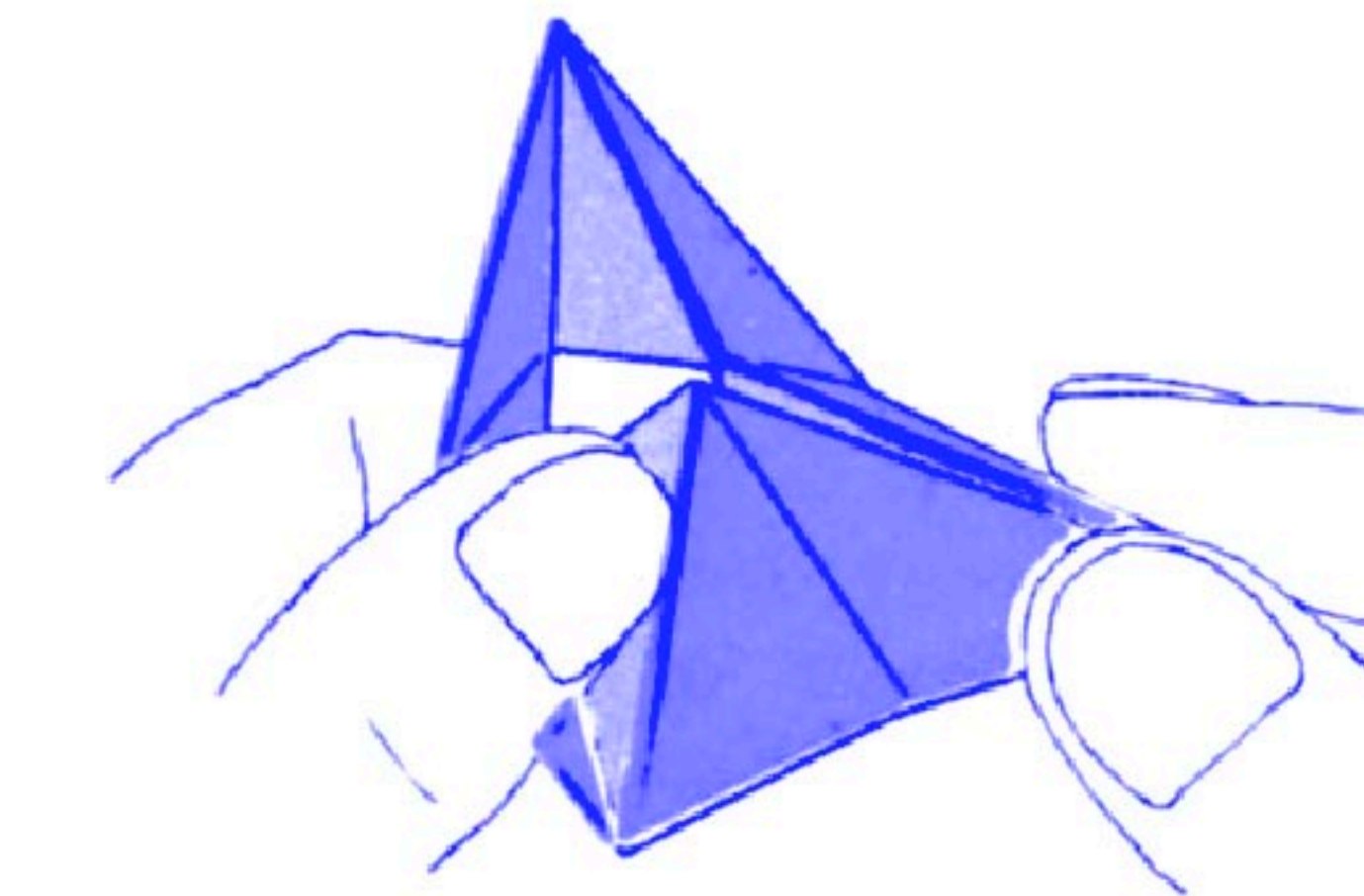
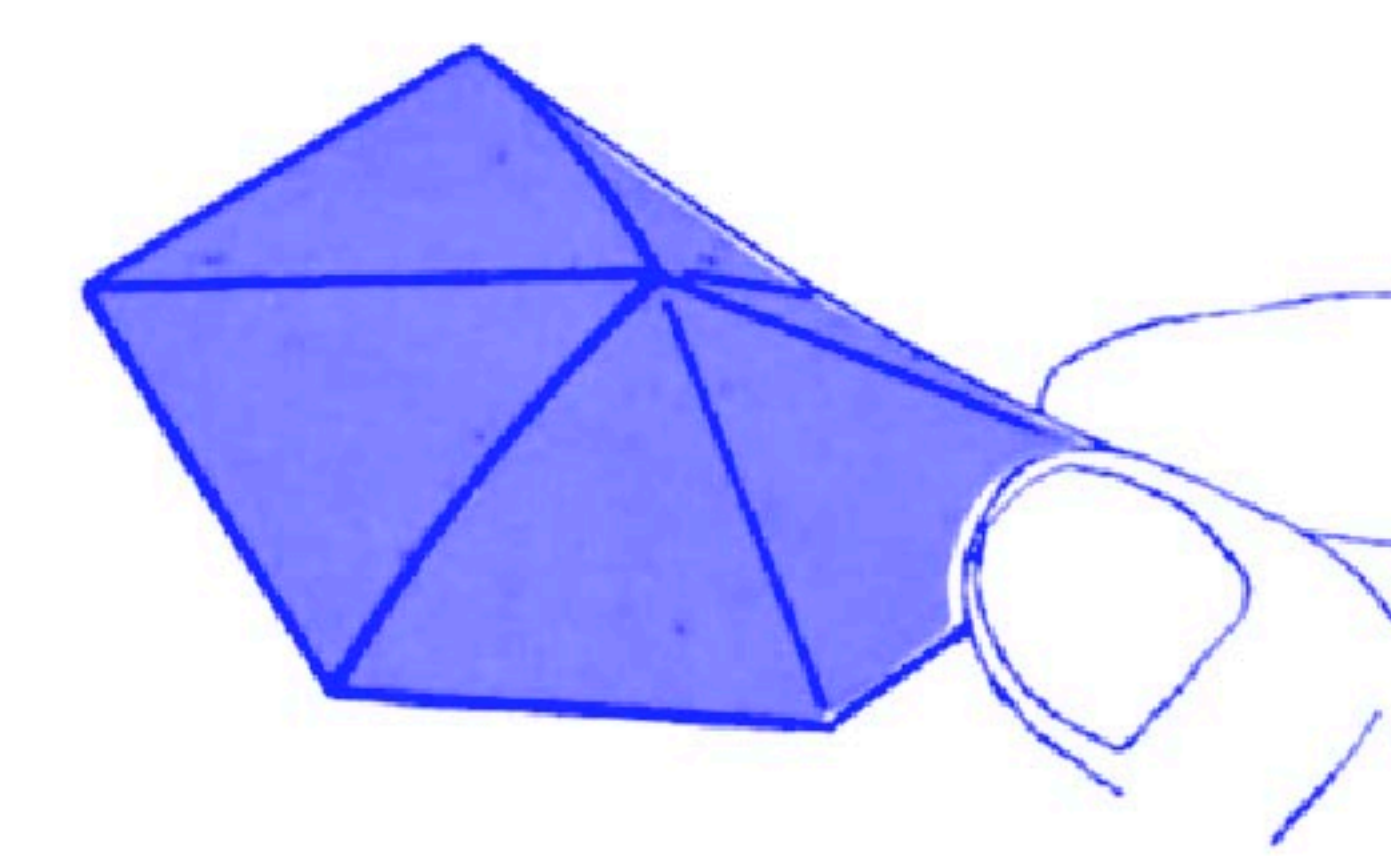


Instructions:

1. CUT - cut the template out along the outside outline. Make sure you cutting ON the line.
2. FOLD - make a mountain fold (line side out) down the long middle line. Try to be as exact as possible so that the trihexaflexagon looks neat.
3. Now we need to fold all the diagonal lines (10 in total). Fold each line back and forth in order to make the assembly easier.
4. GLUE - Once all lines have been folded, flatten the template and apply glue to the in the inner part of the folded template (NOT where you see the lines/numbers) - make sure you cover all the surface with glue and stick it together to create a double-sided strip of 10 triangles.



5. ASSEMBLY (the tricky part) - hold the strip of paper with the numbers side facing you (1 on your left, 10 on your right). Fold the line between triangles 4-5, fold it UNDER triangle no.4. Then fold the line between triangles 7-8 (which is now on the other side), fold it backwards so now you can see triangle no.9. Then tuck triangle no. 10 OVER triangle no.2.
6. Lastly, glue triangle no.1 OVER triangle no.10.



7. Your trihexaflexagon is flexed by pinching together two of its triangles. The inner edge of the two opposite triangles may be opened with the other hand. It might take a few times to make it work properly as it needs a few rounds to flex, depending on how you folded it.
8. Now you can get creative and start colouring or drawing each face, you can just paint each face in a different colour, or you could create a pattern (for example you can draw six figures holding hands on one face, one figure per triangle).

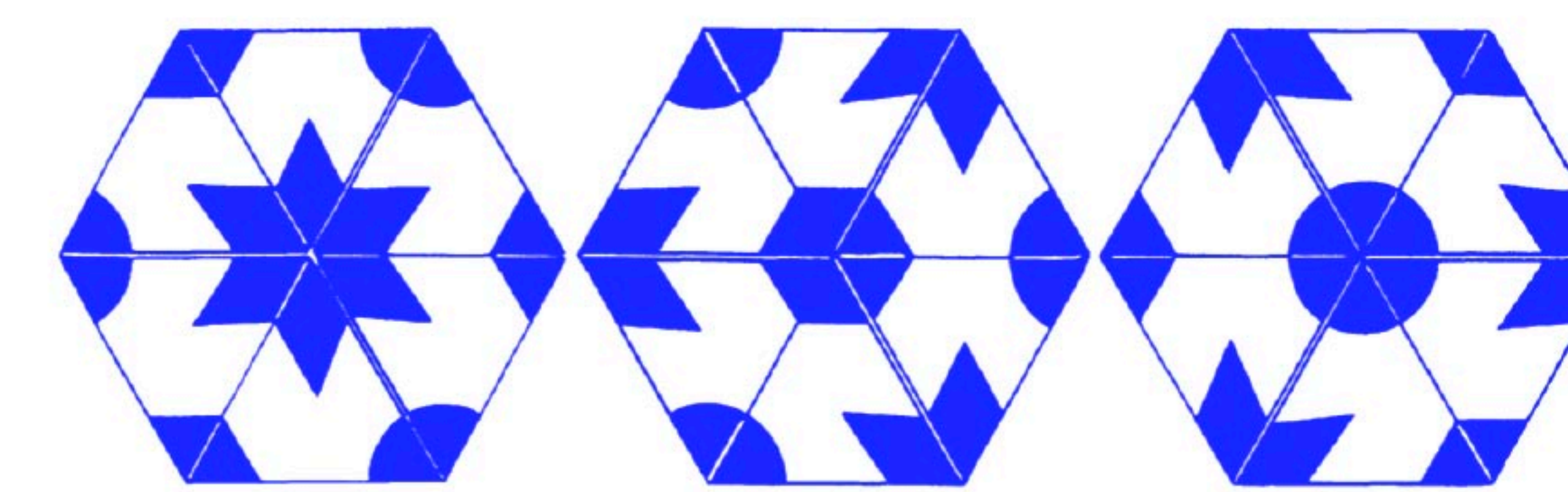
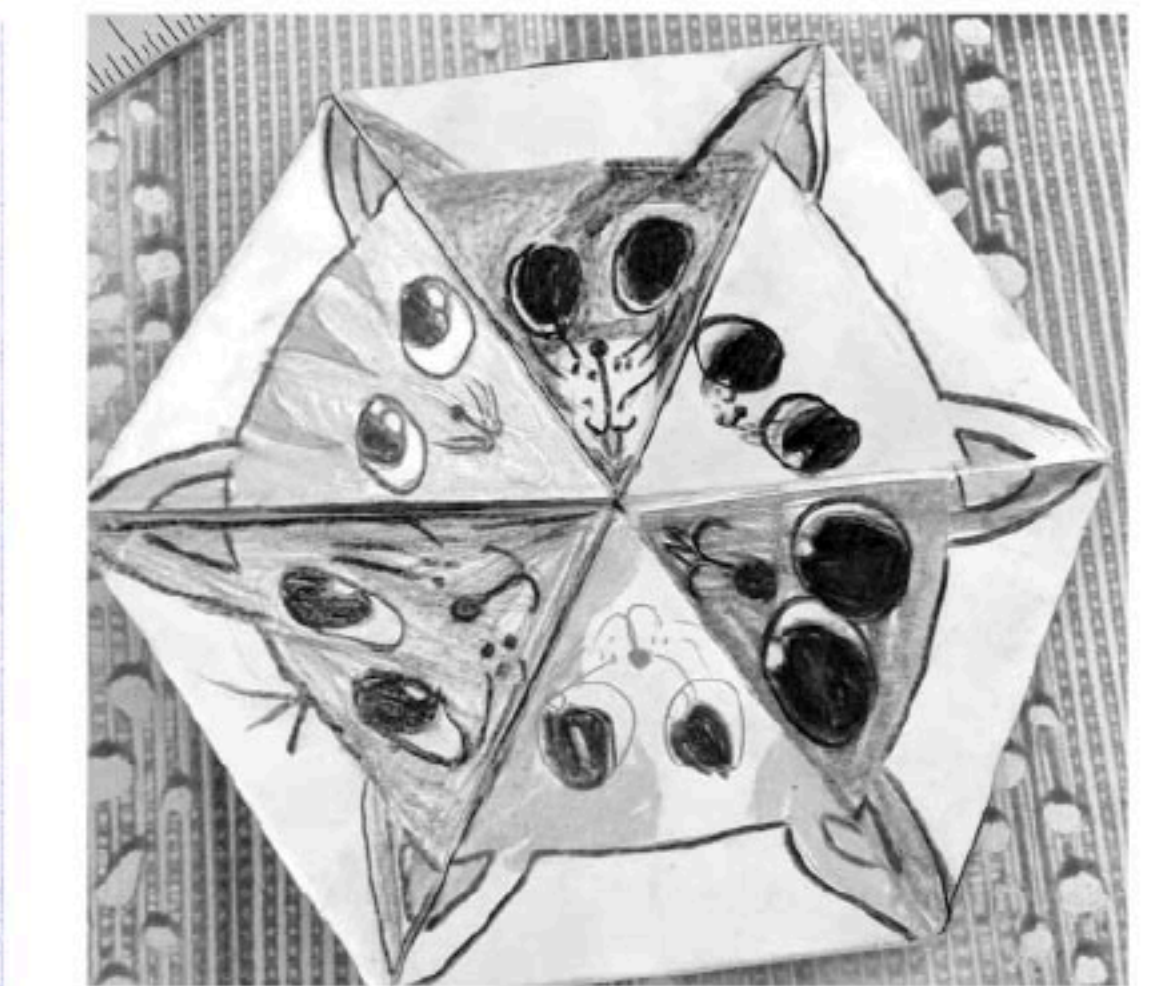
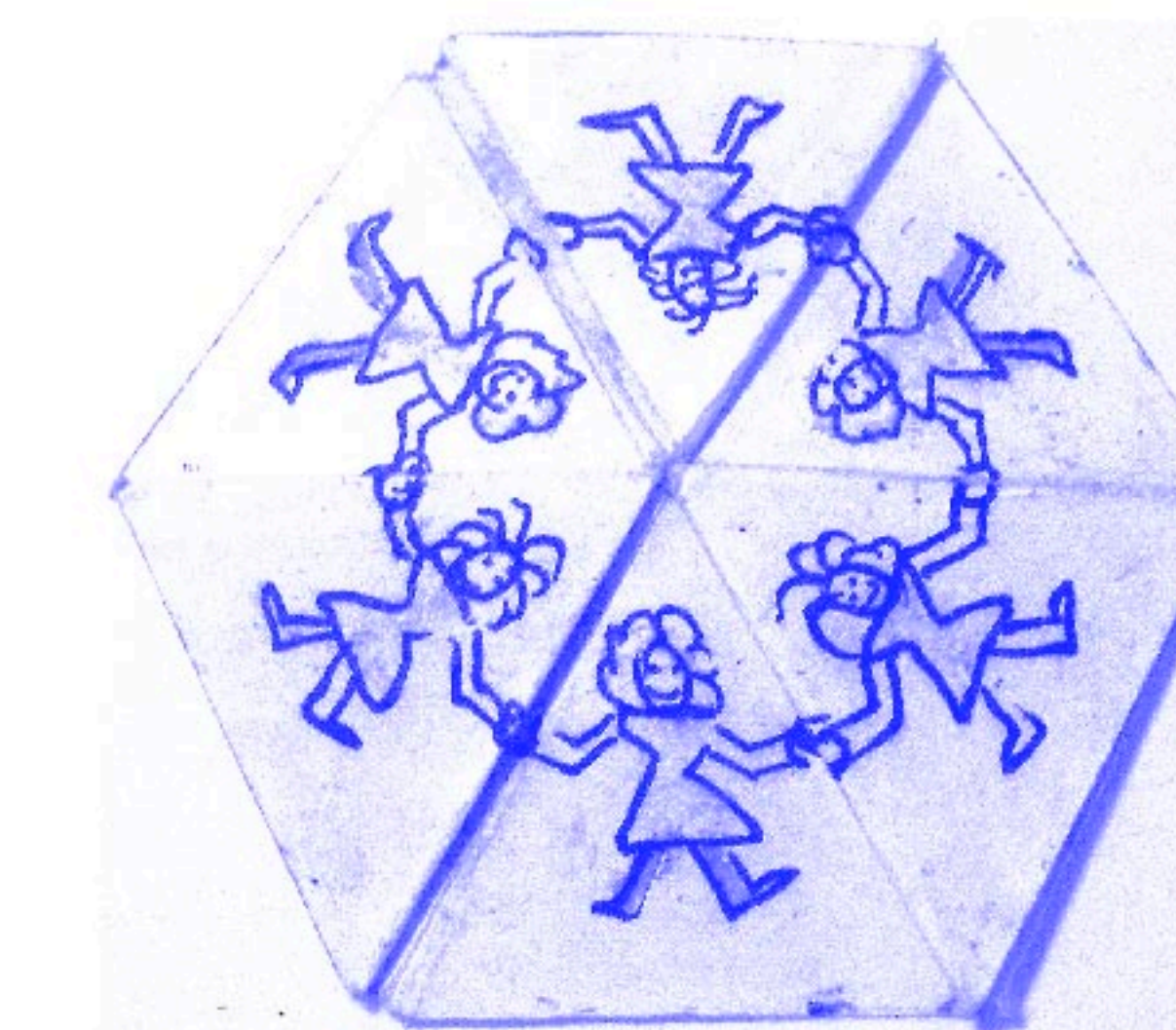


FIG. 6.



9. For an even advanced challenge - remember that each face has two configuration; the 'correct one' and the 'broken one' and you can play with it if you like to make even more complex patterns. Another advanced challenge would be to make a giant trihexaflexagon by copying (or printing) the template on a bigger sheet of paper. Last advanced challenge - search for the hinges work of the Brazilian artist Lygia Clark (1920-1988) or for the models of artist Naum Gabo (1890-1977) for inspiration for making larger works with your trihexaflexagon.
9. Enjoy your handmade paper trihexaflexagon!

When I am dreaming
I am growing



Yours truly,
Matt Montini
MATT



Time is on my side now