

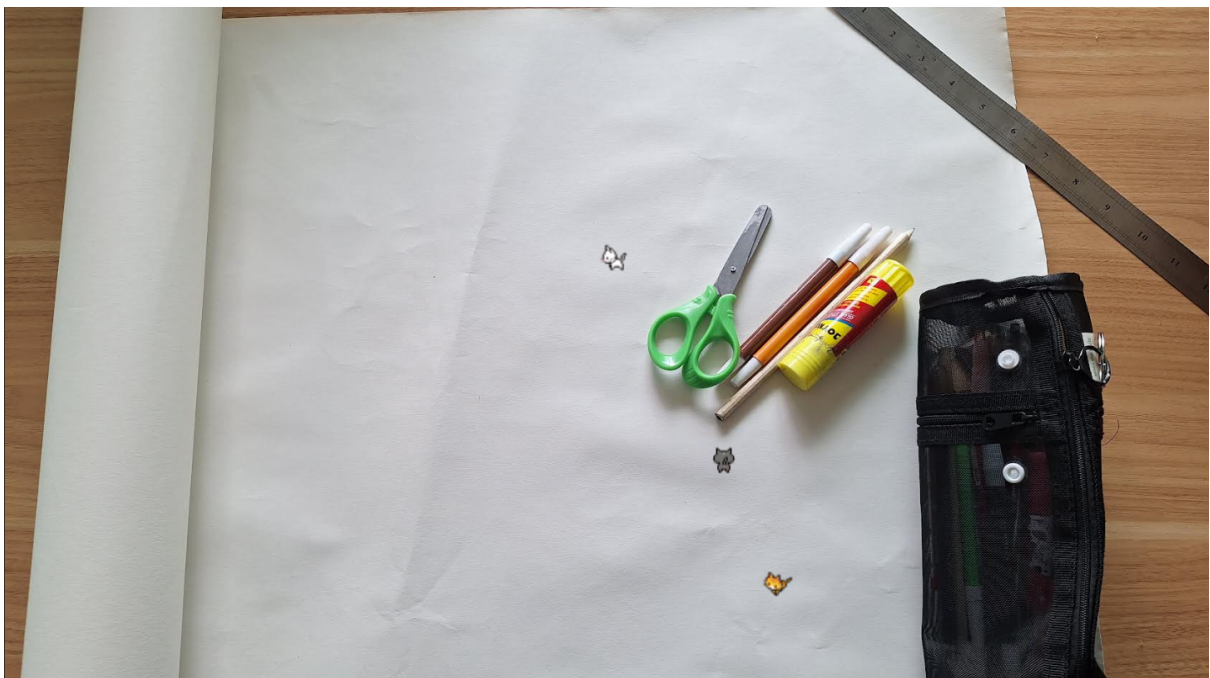
Discovering Polygons Through Building Shapes

Introduction

I have learnt about polygons and shapes. I have also learnt about irregular and regular polygons. I have seen triangles, squares, and rectangles. There are three triangles: Equilateral, Isosceles, Scalene.

Regular polygons have all their sides as equal. Irregular polygons have at least 1 of their sides as different length.

Discussion

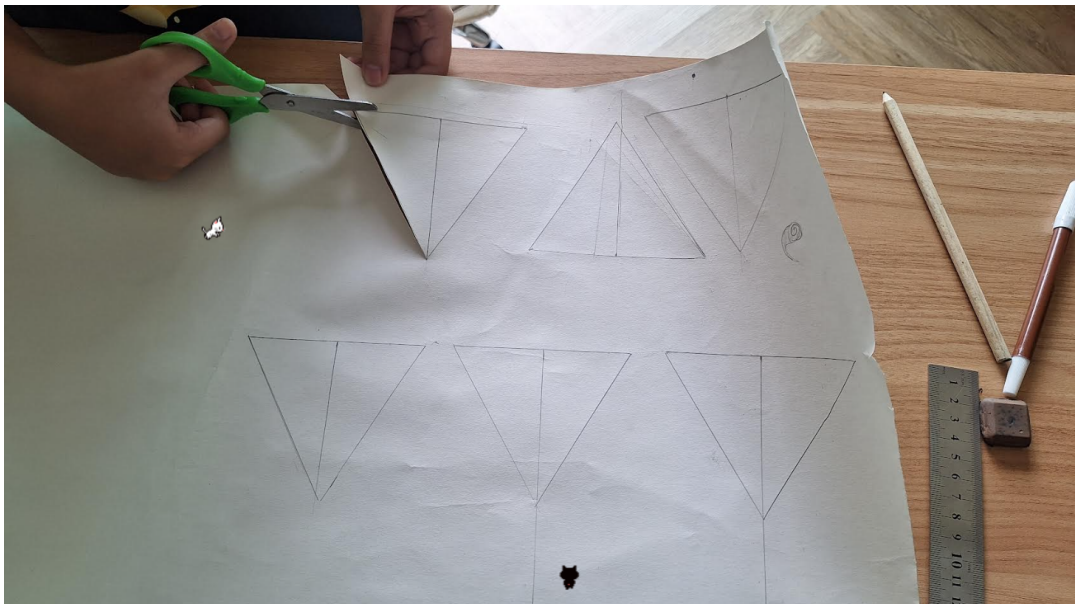
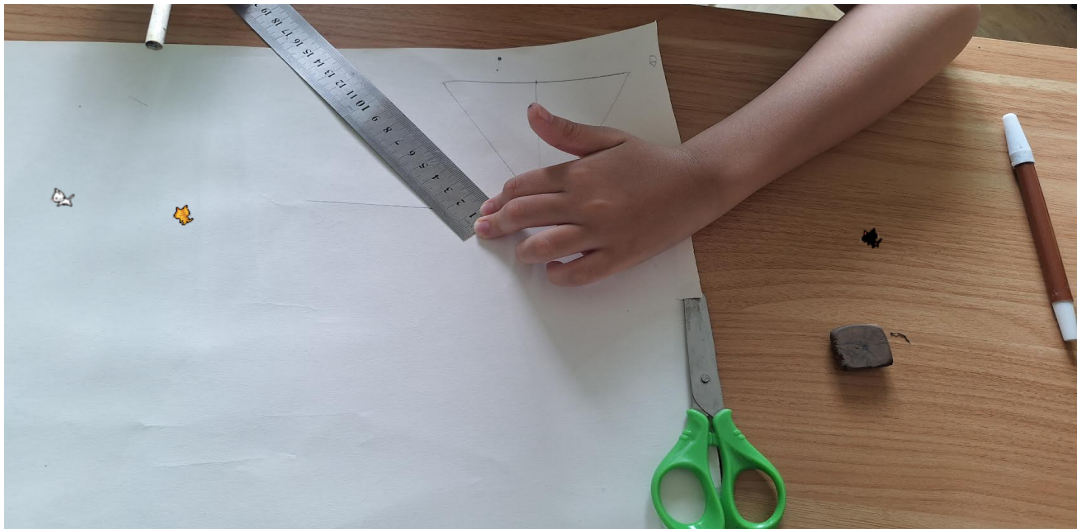


I have prepared the equipment needed:

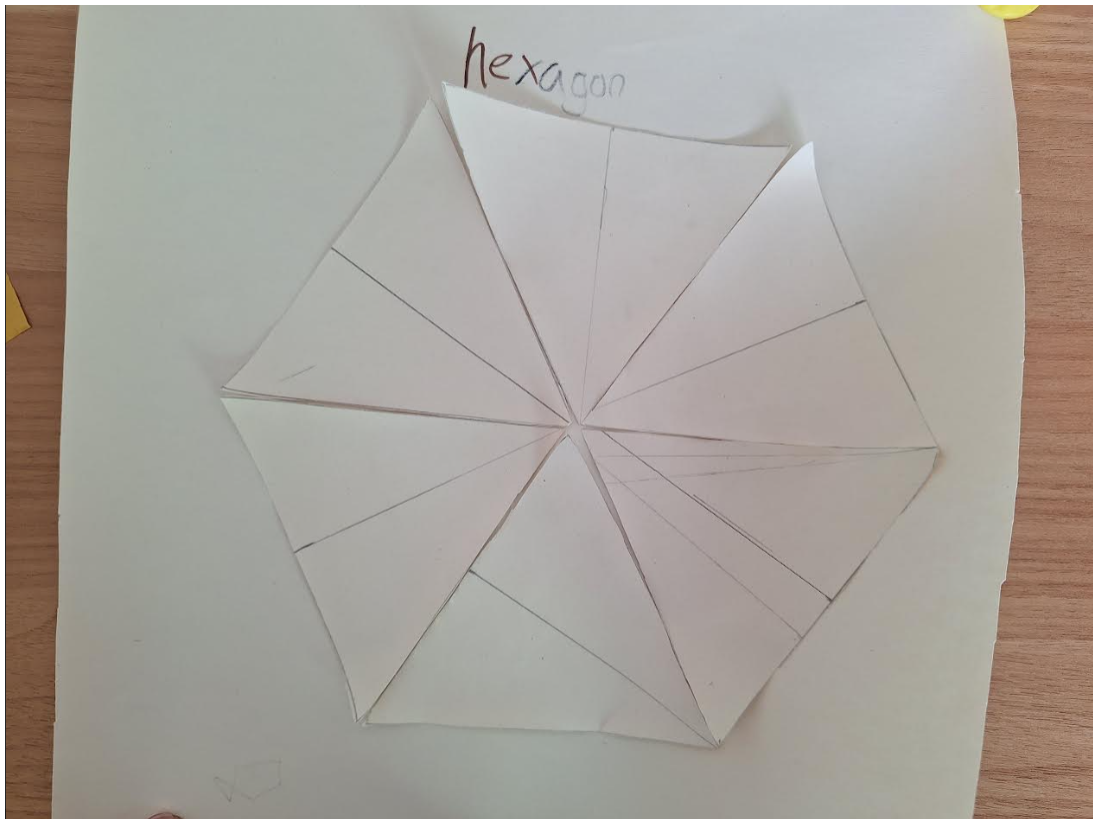
- Scissor
- Glue
- Pencil obviously
- 2 Marker
- Ruler
- Paper

A. Regular polygons

I drew 6 equilateral triangles and cut each one of them.



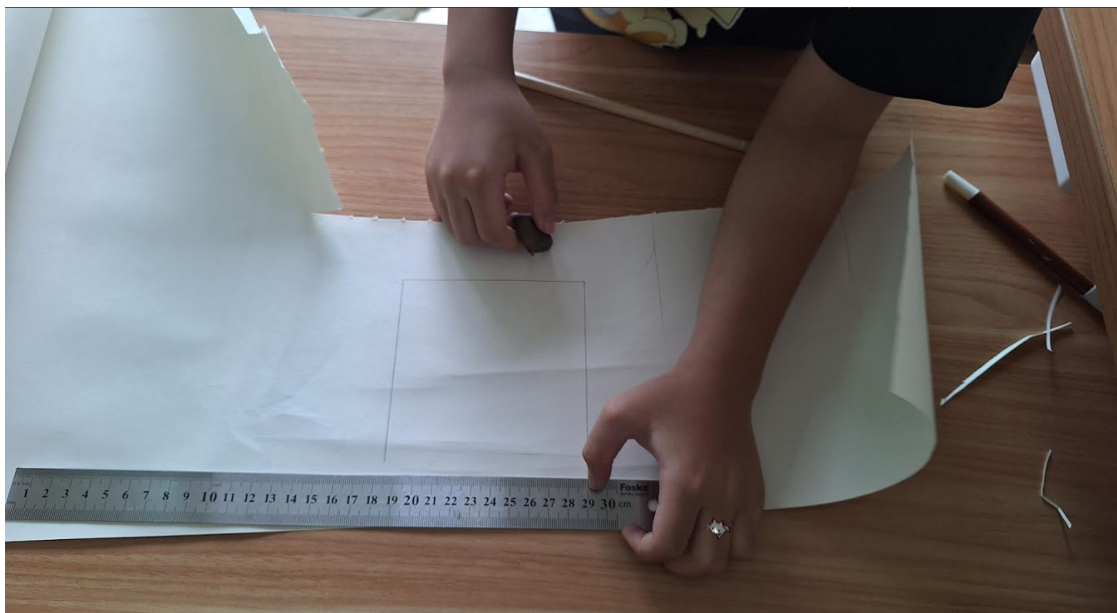
I made six equilateral triangles and combined them to make a hexagon.

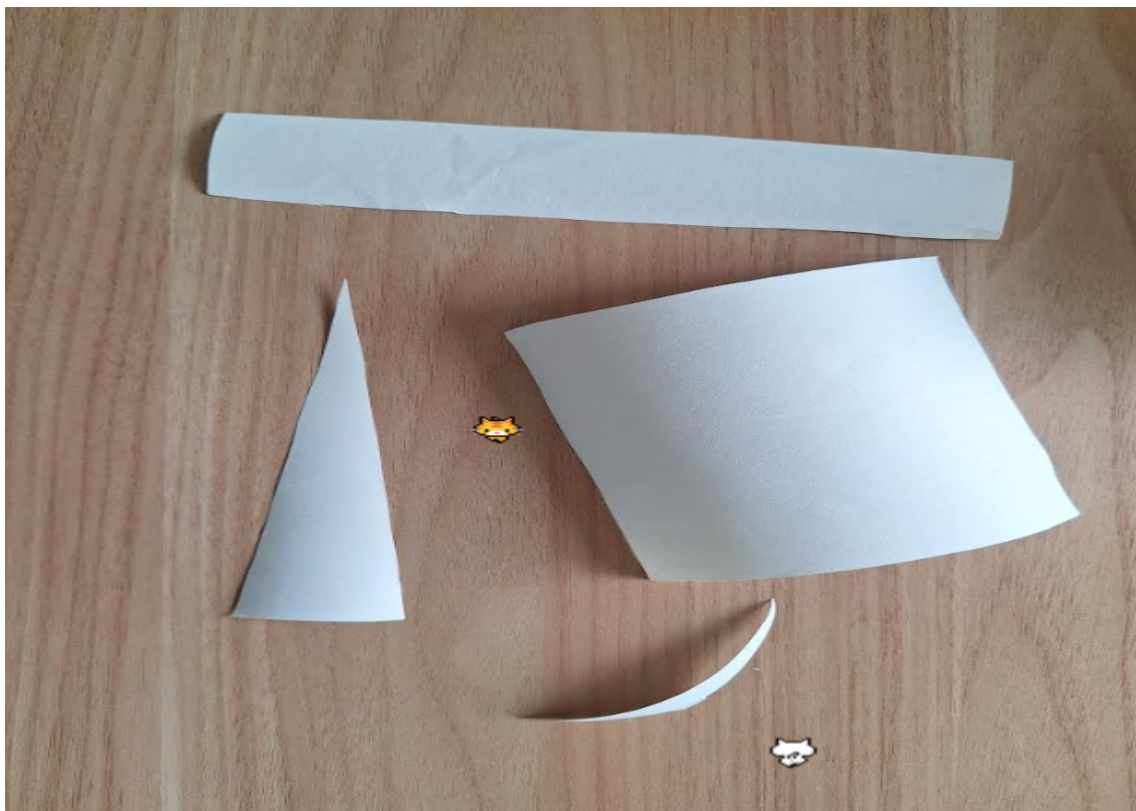


The hexagon has 6 equal sides and angles. That's why it is in the regular polygon category.

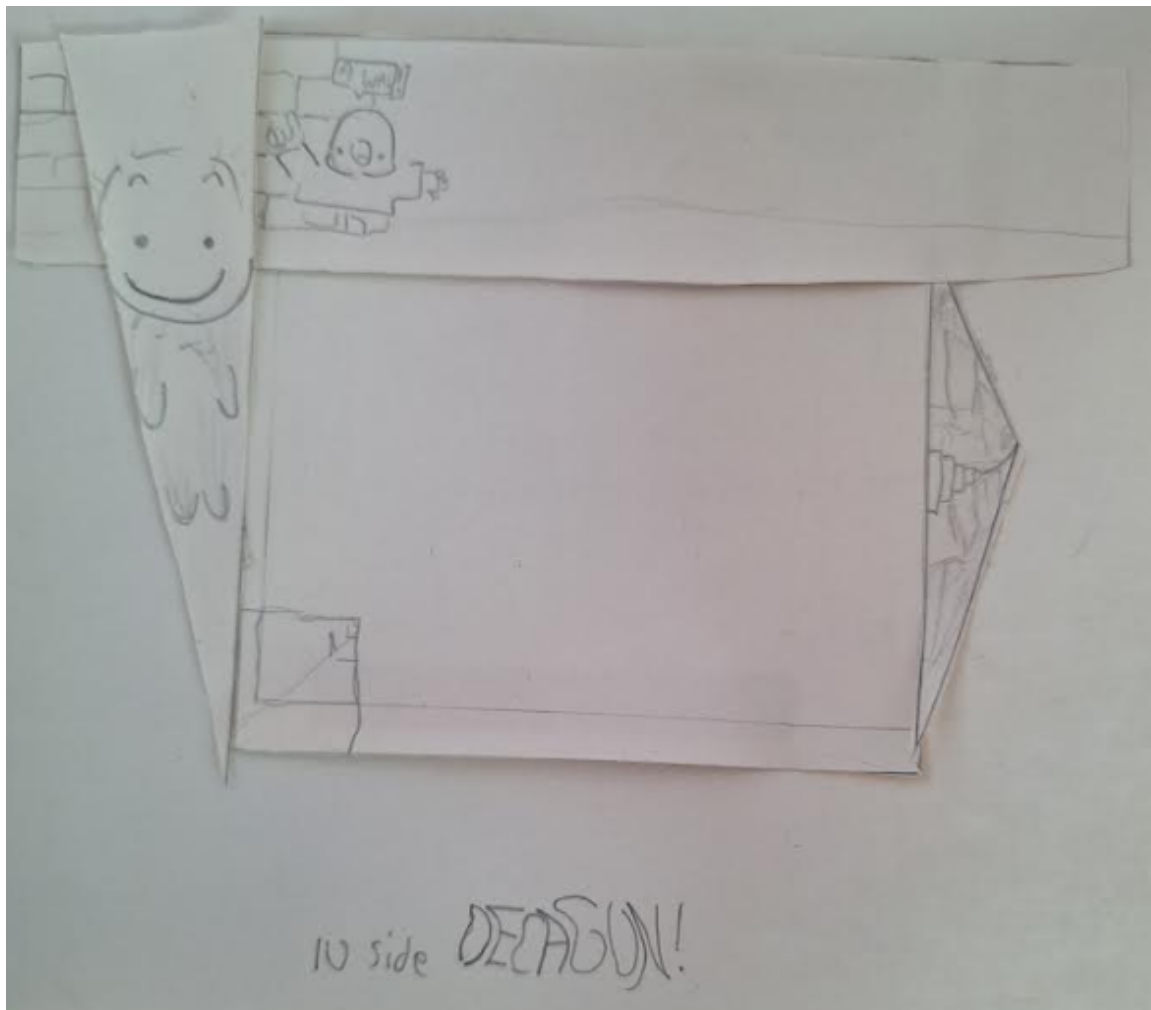
B. Irregular polygons

I made 1 square, 1 rectangle, 1 scalene, 1 isosceles to build a polygon.





I combined all together. It turned out I made a 10 sided polygon. I googled it up, It is called a decagon. But this one is irregular polygon because it has 10 different sides and angles.



Conclusion

Today I've learnt that building shapes can make a polygon. I made a hexagon by 6 equilateral triangles and a decagon by 1 square 1 rectangle 1 scalene 1 isosceles. Thank you for reading.