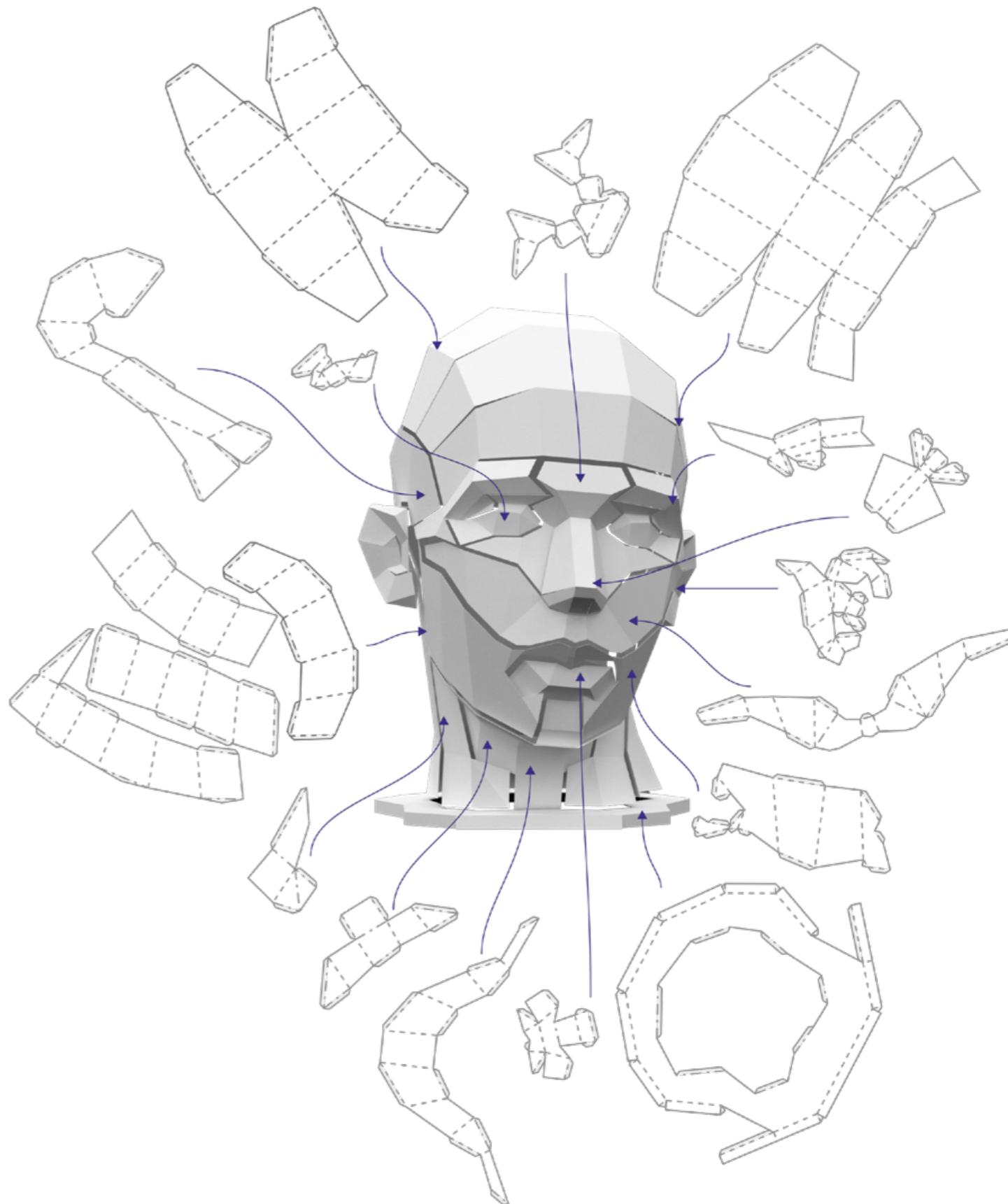


Polygonal Paper

Instructions

on gluing the plane head out of paper
The size of the finished model: 29x20x23 cm.





Author's note

Thank you for purchasing my project!

I carefully worked on the proportions of the sculpture. After I made the model anatomically correct, I realized that this is not enough. And I devoted a lot of time to making her elegant.

Video tutorial: <https://www.vimeo.com/290165112>

Success be to your efforts!



Rim Shamsin

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Bē <https://www.behance.net/polygonalpaper>



You will need for work



A cutter.

You can use any cutter for paper.



A ruler.

Please use the metal ruler, because you may accidentally cut the ruler of a different material.



Template.

A template, printed on paper weights 180-300 gr. / sq.m. I made the files for printing on A4 or A3 paper sizes. Choose **one** of these formats, in all of it is the same size of pattern. Please, do not use office paper (80-90 gr./sq.m.). This paper is too thin.

If you want get a colored model, you can print the pattern on colored paper. Please do not paint the finished model, it can lead to deformation of the paper. You can find colored paper in stores for artists. It will be better for you to agree in advance with the printing house that they have agreed to print on your paper. You will get the best result if you use aquarelle paper. This paper has a light texture, thanks to this gluing places of the finished model is almost unnoticeable.



A surface for the cutting of sheets of paper.

You can use a piece of old linoleum, or a glass panel, or a clean cutting board.



Glue.

Which does not deform the paper. Note that most of the PVA glues deform the paper. You can use glue Twist&Glue by UHU.



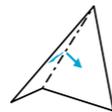
Work sequence

Cutting.

Cut out all the details along the contour (indicated by the solid line). You will get the best result if you will cut the paper with a cutter by ruler. It is better not to use scissors, because they can make dents on the paper in the places of intersection of lines.

Folding.

Carefully score (but do not cut through) the paper along the dotted and dashed-dotted lines. This is necessary to make the folding of the paper in these place easier.



The dash-dotted lines denote folding of the paper to the outside (there are diverging arrows in this places);



The dotted lines appear in the places where the edges of the paper must be folded over to the inside (this movement is indicated by converging arrows).

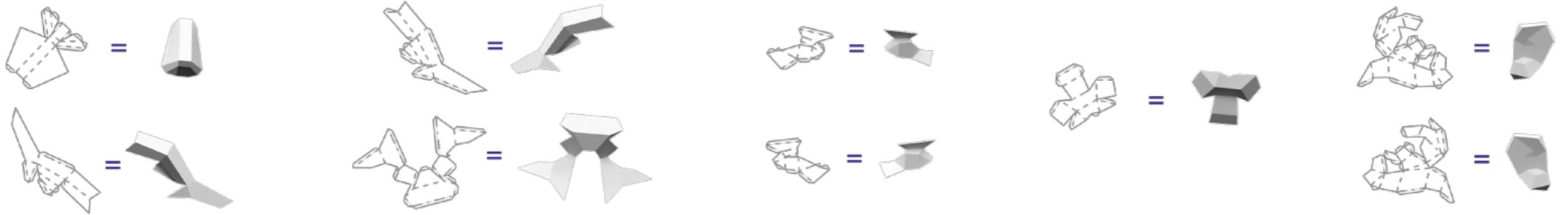
Now you can fold all details along the lines.

Gluing.

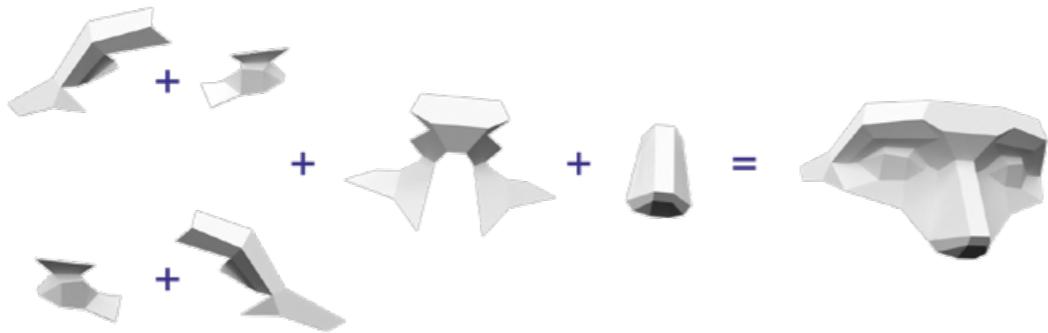
The side of the paper with lines is the inner side of the elephant head. The edges which should be glued together are denoted by the same numerals. For convenience, there are flaps on the unfolded 2d pattern (marked in gray). Start gluing together the edges from numbers «1», then «2», etc.



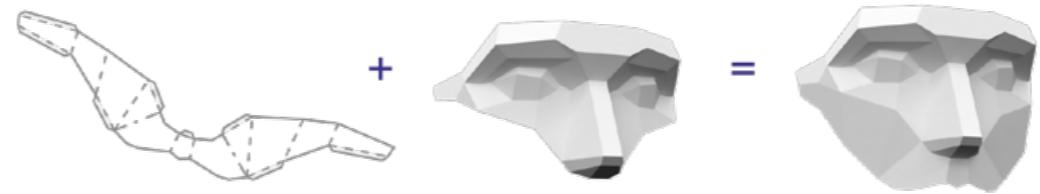
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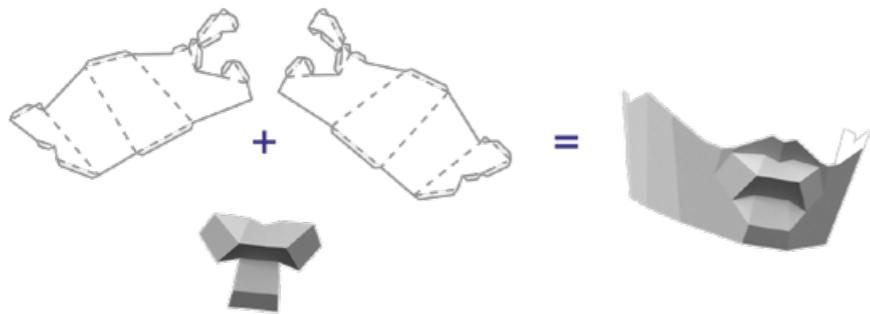
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03



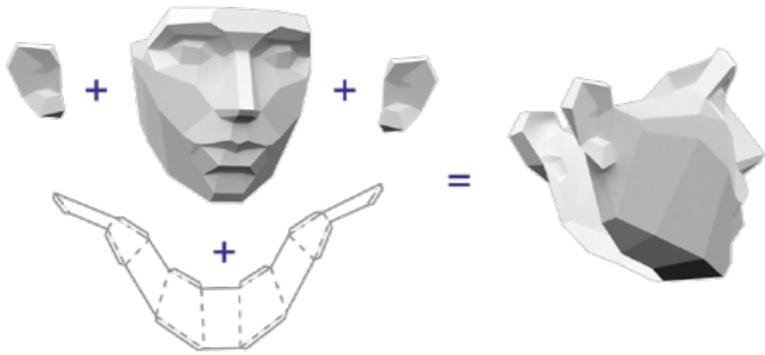
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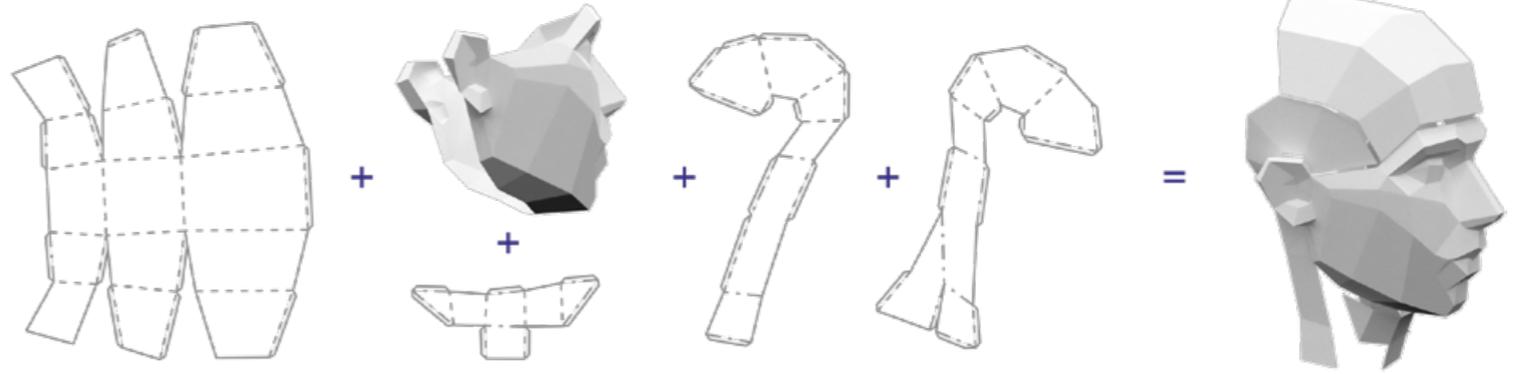
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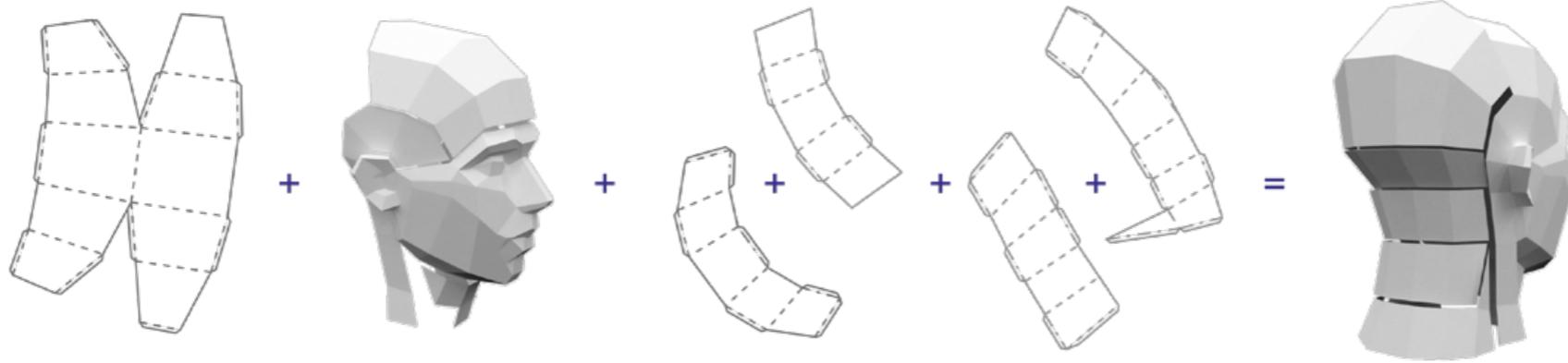
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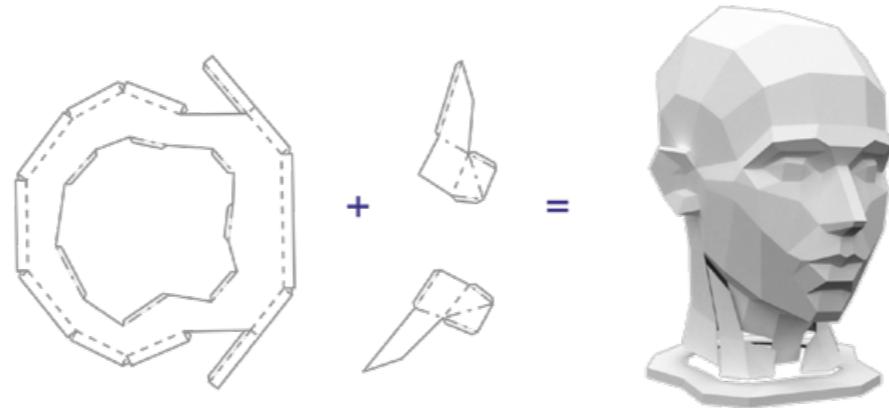
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08



09





Thank you!