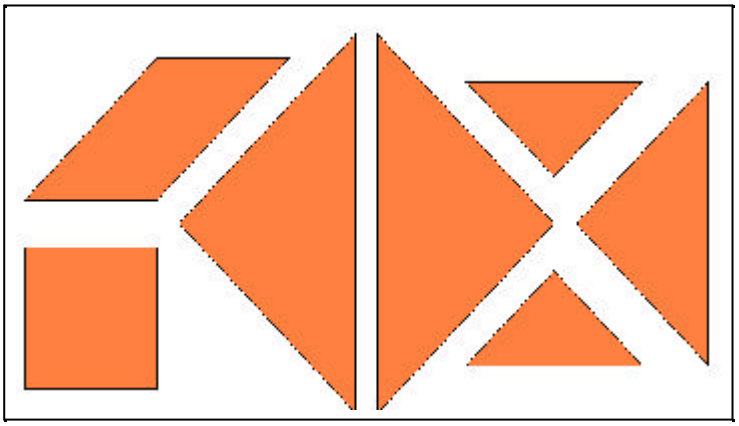
TANGRAM - 3

The **tangram** is a **puzzle of Chinese origin** that is made up of seven pieces: two big triangles, a medium triangle, two small triangles, a square and a parallelogram. Next, you can see all the pieces drawn:



The aim of the tangram is to create certain geometric figures: a square, a rectangle, a triangle or many other polygons. But, also many other types of figures, such as people running, seated, dancing; animals like fish, cats, dogs; things, like boats, houses, etc. Now, you will have the chance to verify it.

{ **Construct,** using all the pieces of the tangram: a square, a rectangle, a triangle and a trapeze.

✍ As you can imagine, you can construct many other polygons: infinites? But if on condition that the constructed polygons are convex, there are not so many; there are only 13. You have already drawn 4, **do you dare to look for some more?** (Bear in mind that you must use always all the pieces)

{ The tangram, as we said above, allows us to make many other types of figures. In the attached sheet of paper you have drawn the silhouettes of a series of them. **Try to construct** those that you like the most, considering that you always have to use all the pieces of the tangram.

YOU WILL NEED:
The seven pieces of the tangram and the sheet of paper with the silhouettes.

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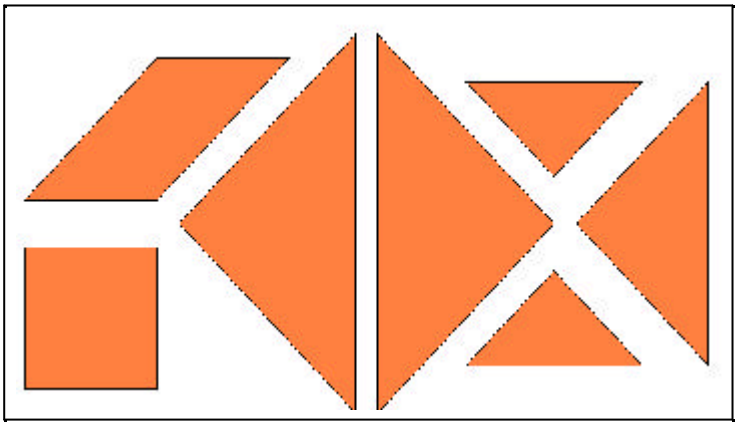

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