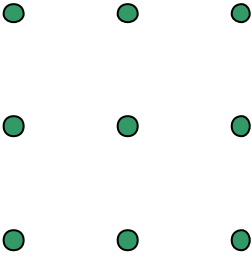
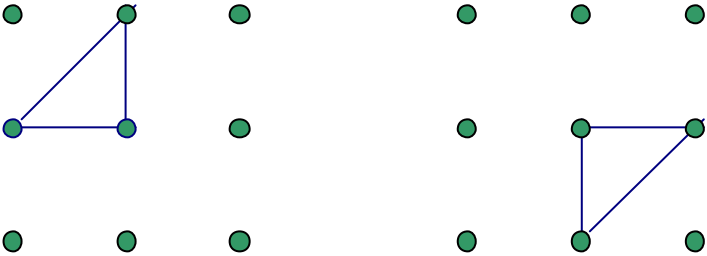


**LOOKING FOR TRIANGLES**

a geoplano 3x3 is formed by a base with 9 overhanging ends, with the same distance and forming 3 rows and 3 columns. Stretching an elastic band among certain points we can form geometric figures and then draw them in a sheet where several geoplanes can be reproduced.



The first game we are going to play with the geoplano and the elastic bands, consists of **looking for** all the different triangles that we can do in this geoplano. We will say that two triangles are different if it is not possible to make them fit by means of a turning or a reflection. For instance, the following triangles are the same:



Constructing several different triangles 3x3 is very simple. What we are going to ask you to do is not so easy and besides it is much more interesting: the thing is to find out the 8 different triangles that there are (the already drawn and 7 more), and draw them in your worksheet. Only if you are observant and organized you will get it. Come on!

**YOU WILL NEED:**  
A geoplano 3x3, elastic bands, pencil and a worksheet.

Agustín de Pedraza

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