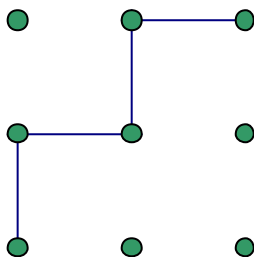


## CROSSING WAYS

Using the geoplane 3x3 and the elastic bands, we are going **to look for** all the possible different ways to go from the bottom left corner to the top right. The thing is always going ahead, on condition that each elastic band can only go from an end to the one which is immediately above it or to the one at its right. Consequently, to cross each way you will need exactly 4 elastic bands. Let's see an example:



This way or path can be identified this way: **up, right, up, right**; or, simply, the **urur** way.

**Try** to construct in the geoplano different ways from this one; to construct in the geoplano different ways from this one; draw then later in your worksheet and write its 'name' next. It is not only to find some of them, but the 6 different possible ways (bearing in mind the one you already have). Remember: 4 elastic bands and only right or up.

### YOU WILL NEED:

A geoplano, elastic bands, a pencil and the worksheet.

Agustín de Pedraza

