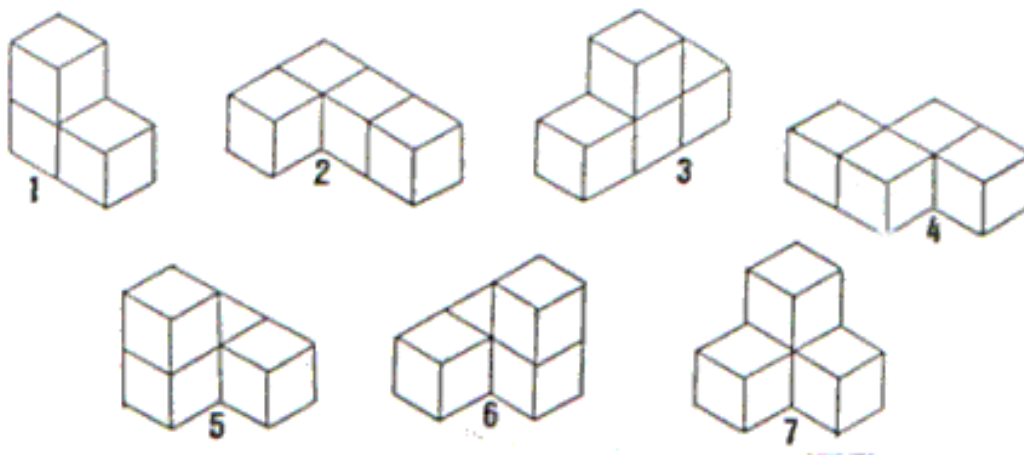# THE SOMA CUBE–1

The **SOMA cube** is a **three-dimensional puzzle** made up of seven pieces. Next, you can see them represented, with the number that habitually is used to identify and distinguish each one:
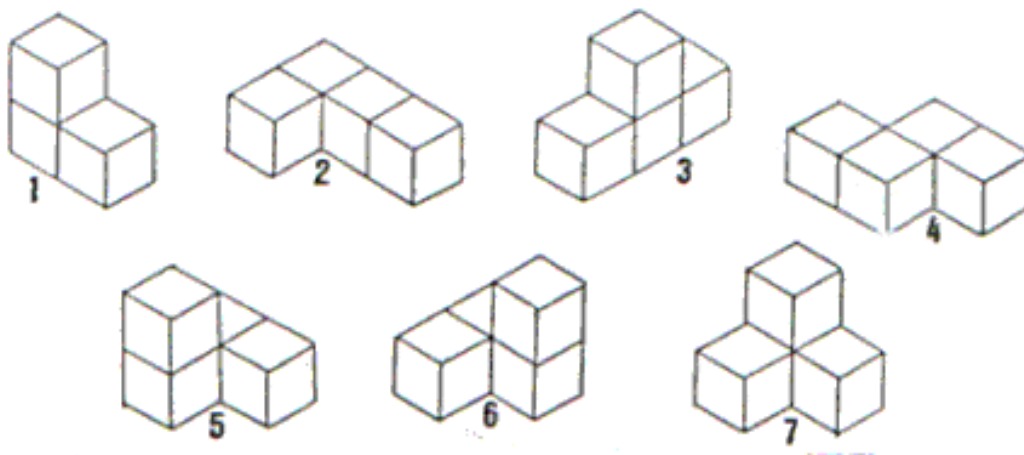

With this puzzle many things can be done; in general, **to construct a certain geometric figure** with all or part of the pieces that constitute it. The classic problem is to **construct a cube,** using the seven pieces. But, as this would be very difficult to begin with, we are going to make some simpler activities before.

The resolution of a puzzle habitually requires to be a good observer, a bit of sizing up and a bit of luck, too. Nevertheless, when it is a mathematical puzzle, as it is the case, it is possible to make some previous reasoning on the pieces that are going to be used and their position, so that the resolution of the puzzle is simpler and, even, can be mathematically deduced. The following activities will do as example:

1

1-PZ-G1-3,4,5

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