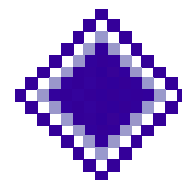


AMOUNT OF SYMMETRY-1

When we look at some figures, at first we have the feeling that some of them have more symmetry than others; we intuitively realize that in some of them there are more ways of rotating and reflecting the figure without suffering any change.

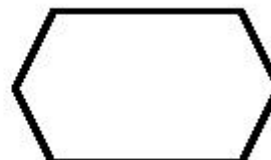
The amount of symmetry of a figure is equal to the number of movements (rotations and reflections) that we can do so that the figure is always seen the same. In other words: the amount of different available ways to replace the trimmed figure in the mold from which it has been removed.

The following rhombus, for instance, has four symmetries:



- ◆ Initial position.
- ◆ Vertical reflection (it has an axis of horizontal symmetry).
- ◆ Horizontal reflection (it has an axis of vertical symmetry).
- ◆ Rotation of 180° (it has a rotational symmetry of 180°).

✎ **Find out** the amount of symmetry of these figures, studying the different ways of replacing each piece in its mold.



YOU WILL NEED:

A game with three molds and three pieces.