

Name:

Date:

Tools: one Logifaces Set / 3-5 students

## 511 - Logifaces Nets



LOGIFACES  
METHODOLOGY

Erasmus+

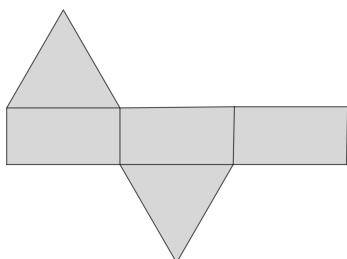
**STUDENT**  
Logifaces

2019-1-HU01-KA201-0612722019-1

### DESCRIPTION

In Levels 1-4 students consider the given net of the block 222 and find the number of nets of this type only. Two nets are different if they cannot be transformed into each other by reflection or rotation. (This can be told to students as "you can not distinguish the nets after cutting them out of the paper").

diagram 1



They work with the following nets and blocks:

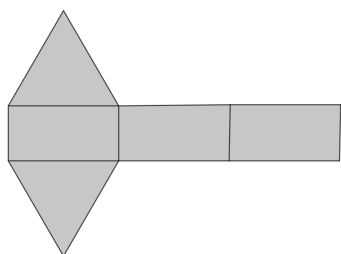
LEVEL 1      diagram 1 and blocks 123 or 132

LEVEL 2      diagram 1 and blocks 133, 122, 233, 113, 112 or 223

LEVEL 3      diagram 2 and blocks 123 or 132

LEVEL 4      diagram 2 and blocks 133, 122, 233, 113, 112 or 223

diagram 2



In Levels 5 and 6 students consider any type of nets and find the number of all different nets of the given block.

They work with the following blocks:

LEVEL 5      blocks 123 or 132

LEVEL 6      blocks 133, 122, 233, 113, 112 or 223

### SOLUTION(S)