Name:

Date:

Tools: one Logifaces set / group

310 - How many Faces

MATHS / SEQUENCES

LOGIFACES METHODOLOGY

Erasmus+

STUDENT

Logifaces

2019-1-HU01-KA201-0612722019-1

DESCRIPTION

Warm-up question: How many faces does a block have?

LEVEL 1 Build a solid using 2 blocks, where two sides of the blocks have to fit completely. How many faces can this new solid have?
The union of two faces of different blocks is considered as one face of the new solid if the two faces of the blocks have a common edge and lie in the same plane.

LEVEL 2 Build a solid using 2 blocks. How many faces can this new solid have if there are no building constraints given?

LEVEL 3 How many faces can a solid built from 2 blocks have minimum and maximum?. What is your explanation? What is the answer for the same questions when two sides of the blocks have to fit completely?

SOLUTION(S)