

Grades 5-8 (S)

Duration: 25 min

Tools: one block / student

Individual / Group work

Keywords: Angles, Protractor

402 - Angle



MATHS / 2D GEOMETRY



LOGIFACES
METHODOLOGY
Erasmus+

TEACHER

Logifaces

2019-1-HU01-KA201-0612722019-1

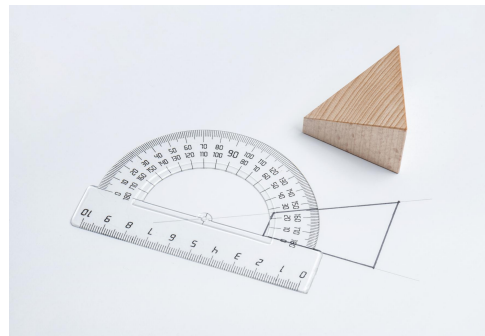
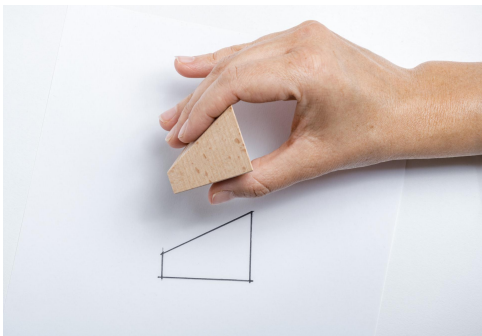
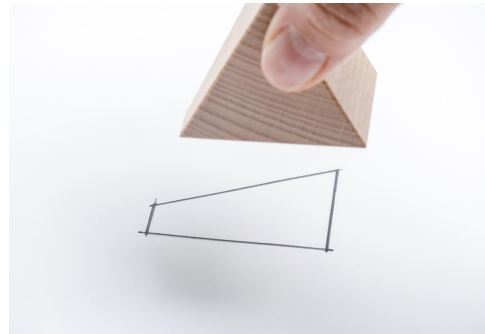
DESCRIPTION

Students measure the angles of the vertical faces of a Logifaces block with a protractor, then compare and discuss their measuring method and results with other students.

SOLUTIONS / EXAMPLES

In the figures below you can see the steps that students need to take in order to measure the angles. Students choose a Logifaces block, then trace a vertical face in their notebook and measure each angle in degrees. They can discuss the results with each other, then repeat the same steps with a different block.

Below you can see the steps through the example of block 331. The easiest blocks to work with are 331, 112, 221 or 113.



PRIOR KNOWLEDGE

Angles, Use of protractor

RECOMMENDATIONS / COMMENTS

This is a basic Trigonometry exercise. The goal is to teach students how to measure angles with the help of a protractor. It is a great exercise to practise the use of a protractor and to understand the concept of angles.