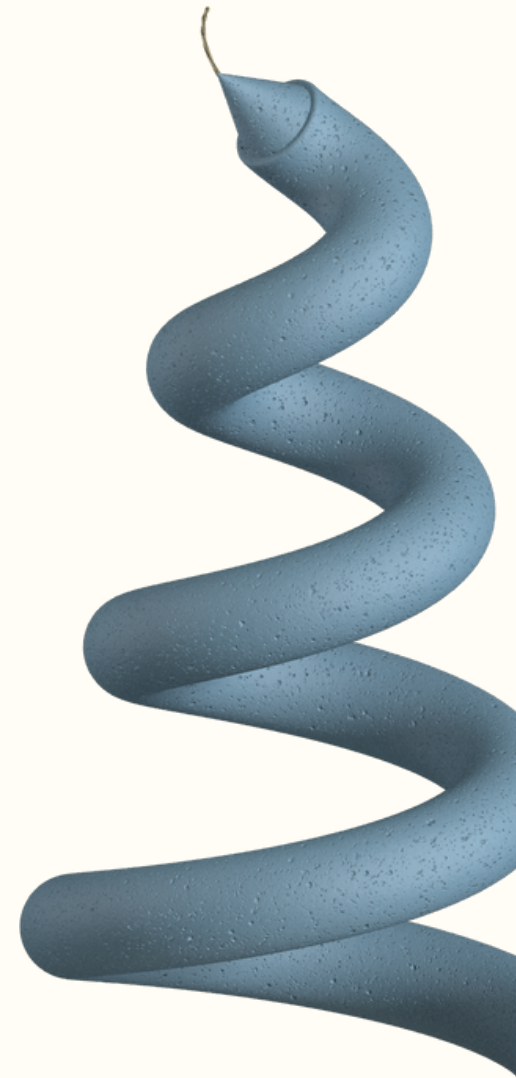
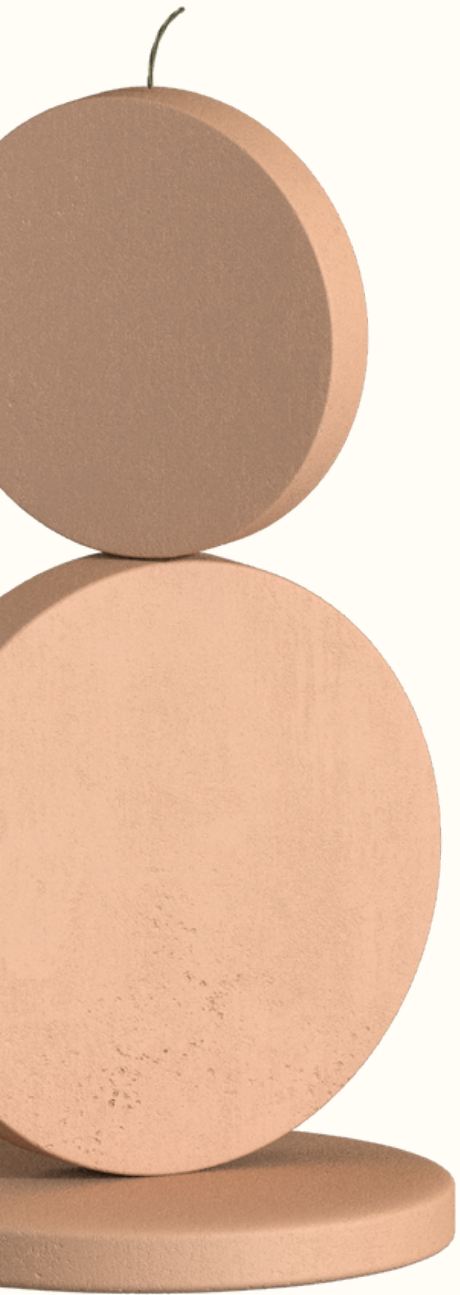
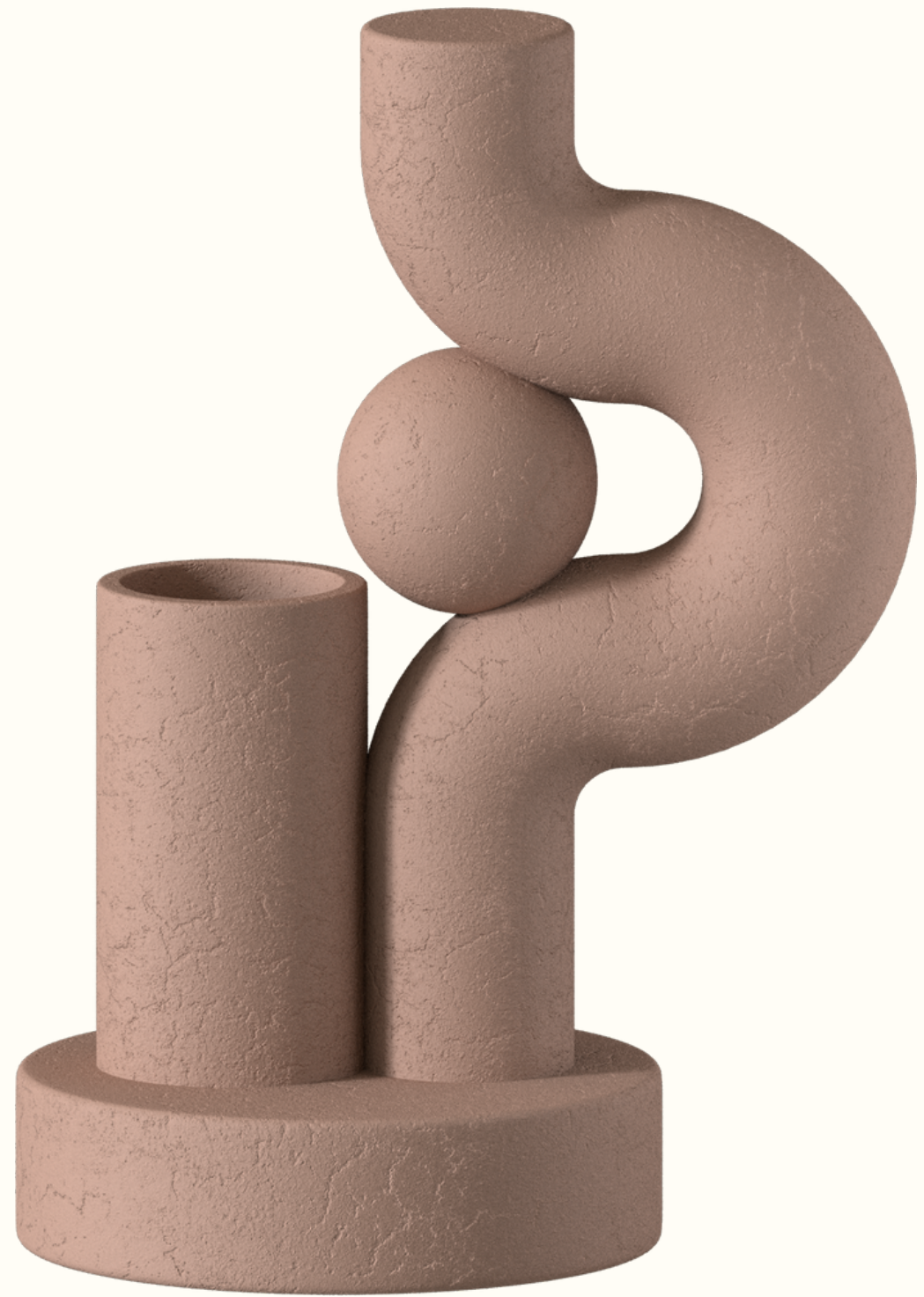


Comparing the methods that allows us to set the age of a tree

I will use to methods and compare my results



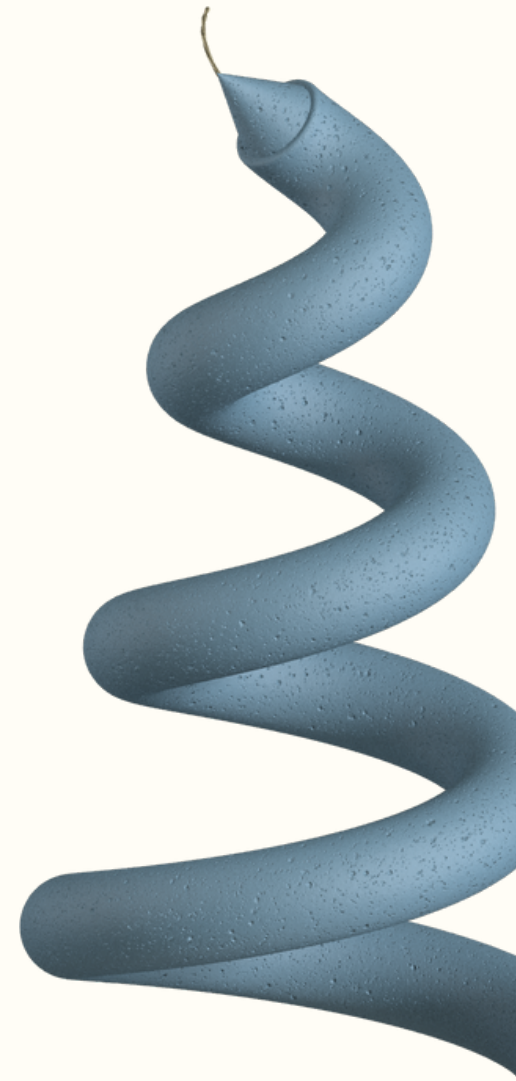


Subject of the study

TREES

Aim of the study.

Trying to identify the age of trees and comparing the methods



Objectives of the study.

Search for methods

Prepre the tools

Choose the trees in the park

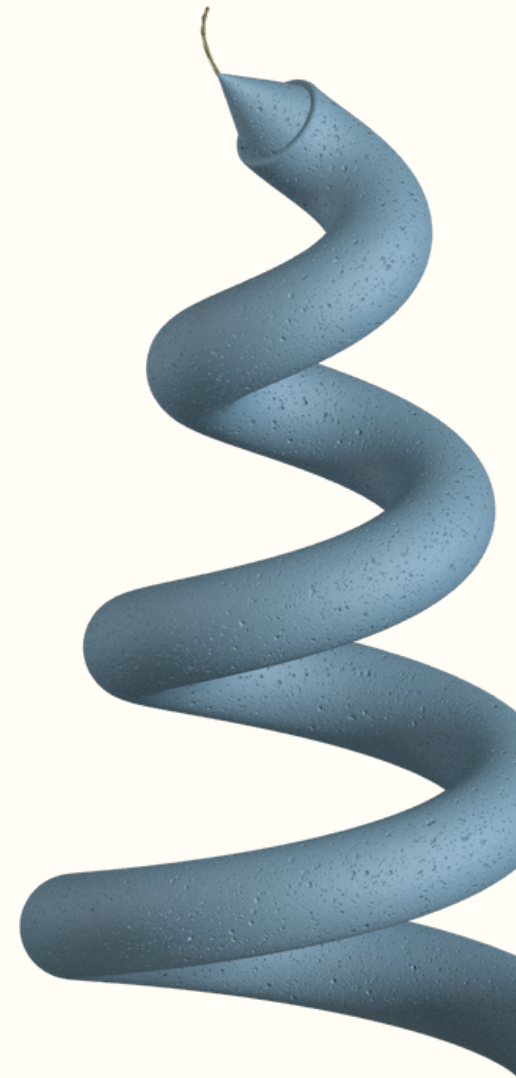
Making measurments, observations and calculations

Compare results

Research methods.

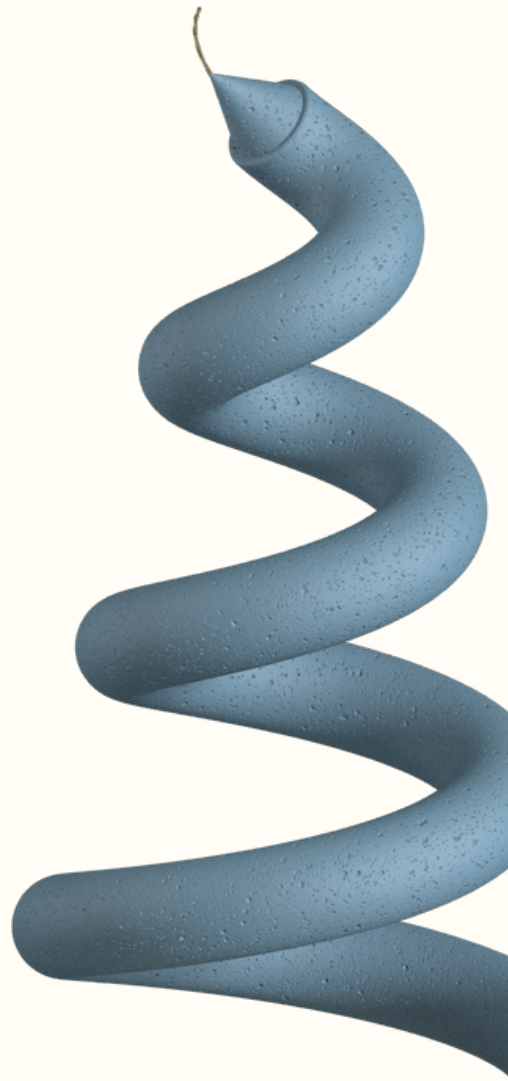
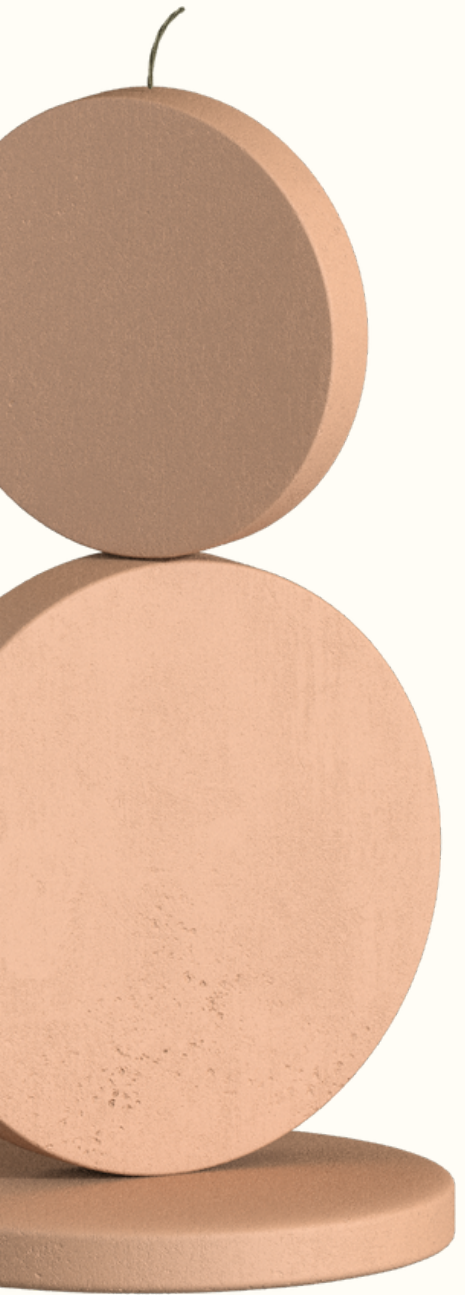
I chose 2 methods: one which says that trees in Poland usually widen 2,5cm a year (at the height of 1.30 meter), so the tree that has 2,5m tree perimeter is about 100 years old. (some trees grow more!)

The second method is based on statistics: we measure the tree perimeter at 1 meter high and divide it by 5, then multiply by 2 – the number you receive is the age of the tree



Tools that can be used.

Measure tape, paper, pencil



How to investigate.

SPRUCE:

BIRCH Method 1: I measured the tree perimeter of birch
128

$$128 : 2,5 = 49 \text{ years}$$

Method 2

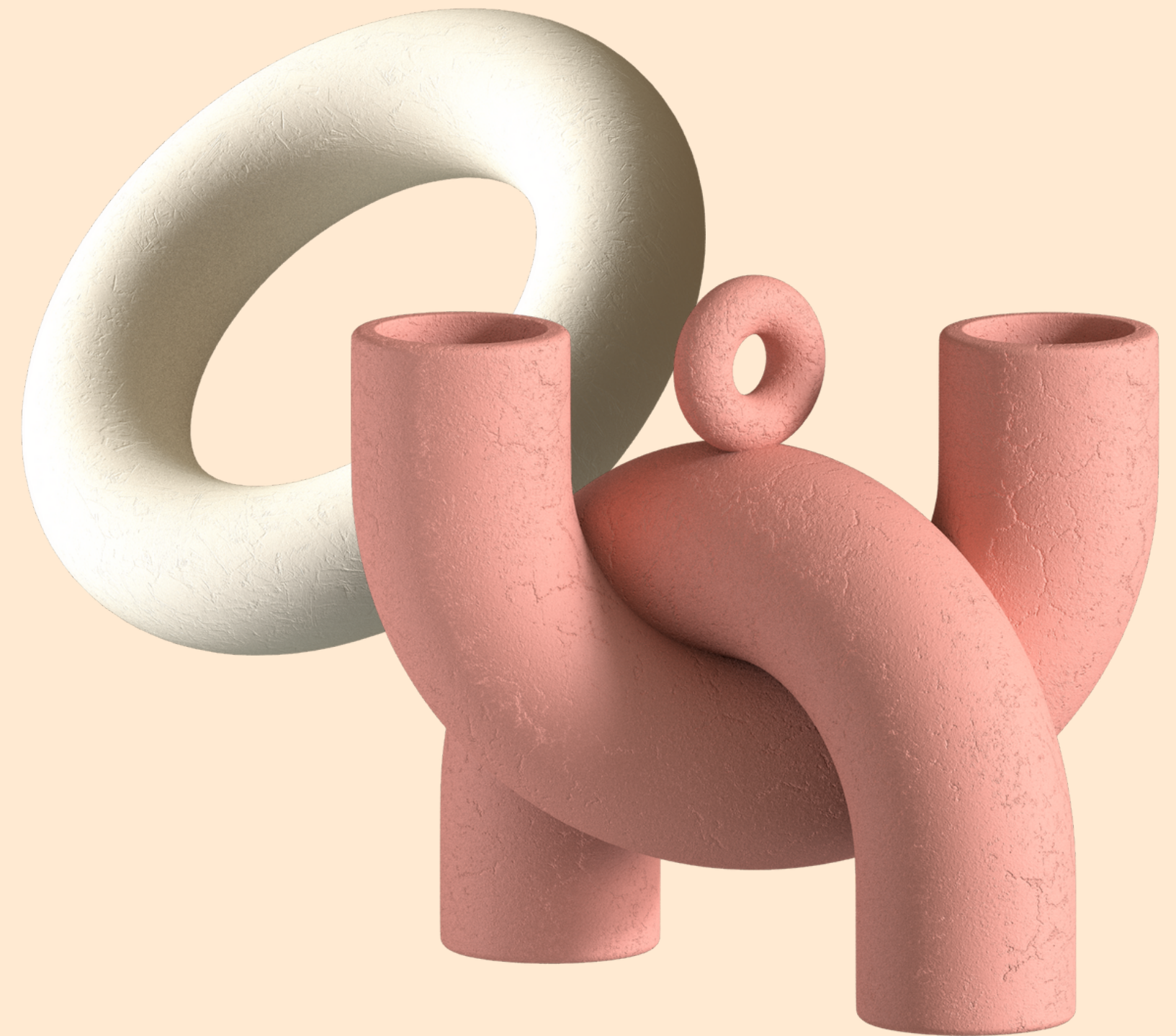
$$130 : 5 * 2 = 52 \text{ years}$$

Method 1:

$$100 : 2,5 = 40 \text{ years}$$

Method 2:

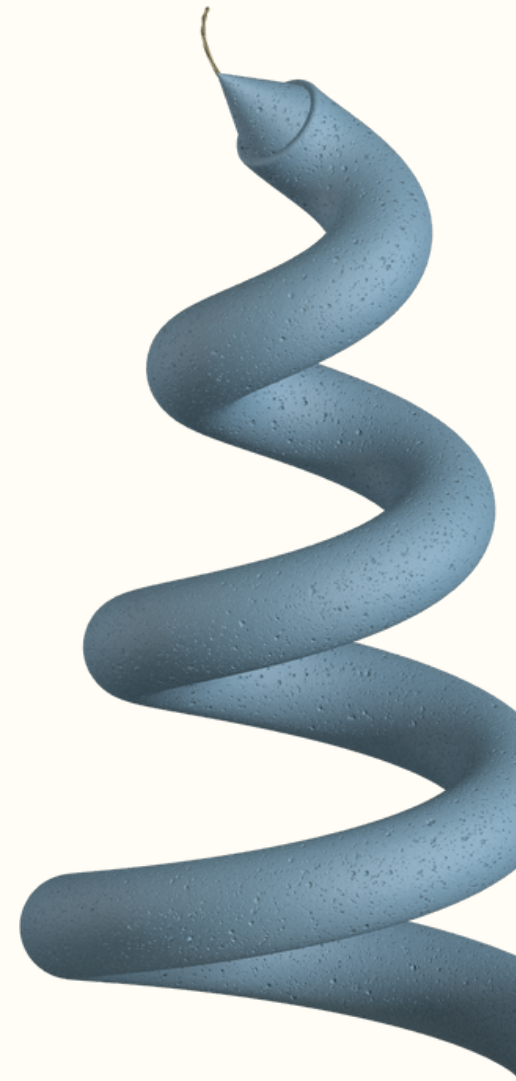
$$105 : 5 * 2 = 42 \text{ years}$$





Findings.

Using two different methods gave me similar results.



Literature used.

By submitting this form, we do not object to our child being photographed and filmed in the framework of the Erasmus+ project "Discover the World of Trees", and to the publication of the video footage featuring the image of the minor in a digital methodological tool to be developed, as well as on channels dedicated to the publicity of Erasmus+ projects.

