How can you find out the height of the tree?

Tools:

- Clinometer
- Measuring tape
- Calculator

What to do?

First we had to plan how we can find out the height.

Then we went outside to do it. First we measured the angle from Siiri to the top of the tree with clinometer. Then we checked the distance from Siiri to the tree. Then we measured how tall Siiri is.
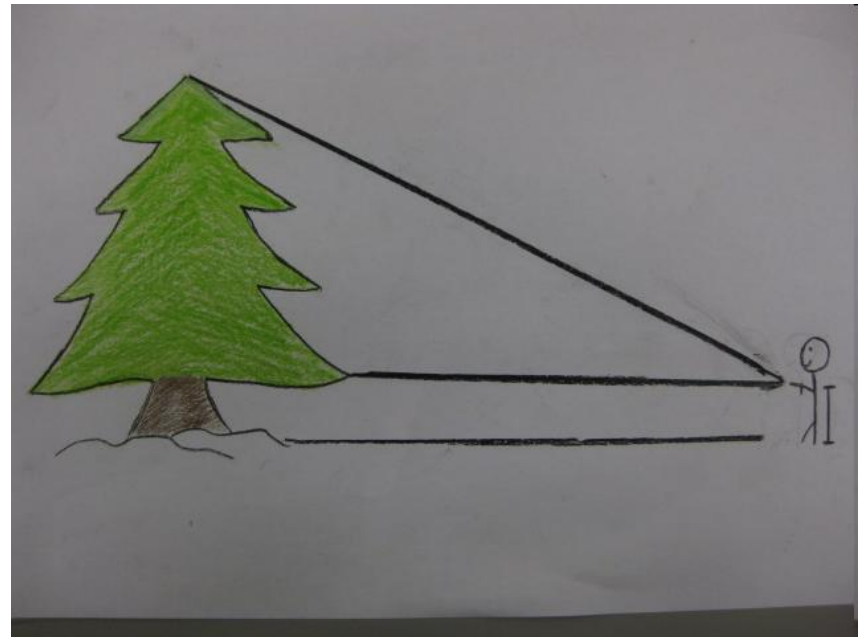
The calculation

Tan 56° = X : 11,88

X = 11.88 * tan 56° = 17,58

17,58 + 1,93 = 19,5 m

The height of the
  tree is 19.5 meters

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