


## Fieldwork 5

- Choose a vertical line segment with an approximate length of $7-10 \mathrm{~m}$.
- Mark three points around forming 2 triangles with a common side.
- The length of sides should be 40 m approximately.
- Make necessary measurements. (3 sets of vertical angle, 3 sets of horizontal angle, distance measurement in two ways)
- Calculate the length of vertical line segment.


## You will give us:

$\checkmark$ Definition of the problem (one copy for each subgroup)
$\checkmark$ Proof for the formula given
$\checkmark$ Results of measurements made (one copy for each subgroup) and average of your measurements
$\checkmark$ Sketch (showing surrounding buildings)
$\checkmark$ Report

