

## Trigonometry Problem Solving Assignment

Your Problem Solving Assignment for this unit consists of two “simple” problems.

Problem #1 → From “ground level”, gather the necessary data that will enable you to determine the height of the tree in the MS courtyard. (10 points)

Problem #2 → From the “first floor level”, gather the necessary data that will enable you to determine the height of the tree in the MS courtyard. (The relevant data you need to know is that the first floor is 3.85 m above ground level.) (10 points)



Your solution to each question MUST contain the following information in order to earn FULL credit for these bonus points:

1. An outline or plan written in words (point form will do) outlining WHAT data you need to gather.
2. An outline or plan written in words (point form will do) outlining HOW you will get your data.
3. A labelled diagram illustrating the problem (and showing your data)
4. Your solution.
5. The final answer.

HINT #1: How tall are you?

HINT #2: What is a hypsometer and how can you make one?