

Measuring the Immeasurable...

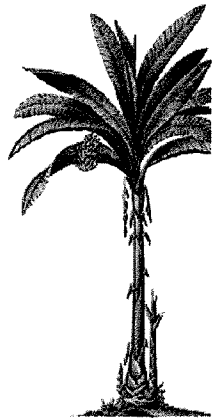
Tomorrow, you will be asked to find the height of an object that will be too tall to stretch a tape measure to the top. You will be given the following materials...

- **Clinometer**: a device used to measure angles of elevation or depression (the 42" stick with the protractor nailed to it)
- **Twine**: a length of twine, approximately 60 feet
- **Line level**: a small level that will hang on a string
- **Two stakes**: devices that...just stakes

With these materials, you should be able to determine the height of a given object (ex. tree, flagpole, building...).

You will have only 25 minutes to find the height, so plan ahead...To help you plan, fill out the information below:

I. Draw a picture of what you might be looking at to solve the problem tomorrow. Use the tree on the right as your target to measure.



II. Write instructions for your group below.