

Indirect Measurement Task

Content Standards:

*Students can find missing measures of two-dimensional figures.

Task Description: Using the aid of a partner and the measuring device provided you will be going outside to measure the un-measurable. When you get outside choose one object that is too tall to measure with your device. You will need to use one of the methods of indirect measurement we have talked about in class to accomplish this task. You need to use your own height as one of the actual measurements.

- 1) Name the object that you chose to measure (describe where it's at and what it looks like if necessary).
- 2) What was the height that you used as your actual height measurement (whose was it)?
- 3) What method did you use to find the height of your object? Draw a diagram of what your indirect measurement situation was that you set up (make sure you label your picture with all of your measurements).
- 4) Show all of your work below. Finish by stating the height of your chosen object.

Grading Rubric

Criteria	0	1	2	3	Weight
Diagram	Did not sketch a diagram	Partial sketch without labels	Sketched diagram with little to no labeling	Sketched diagram accurately with correct labels	x1
Work	Didn't calculate or use appropriate method	Used appropriate method with but has an incorrect solution	Used correct method with correct work and solution		x3

Total Points: _____ / 9