

Reach for the Sky

Name: _____ Period: _____

A Campus Tree

A. Using the idea of similar triangles, device a method for approximating the height of a tree on campus. *Explain* your methods below.

B. What was your approximation for the height of the tree?

A Campus Building

A. Using a method similar to the one you devised above, approximate the height of one of the buildings on campus. Record your approximation below.

Your Choice

A. Using a method similar to the one you devised above, approximate the height of one other object on or near campus. Record your approximation below.

Extending Ideas: Measuring Mountains

A. Explain how similar triangles could possibly be used to measure very high landmarks like mountains.