

The Shadow Knows: Student Worksheet

Name: _____

Hook

Can you determine the height of a telephone pole or tree without climbing to the top?

Group Arrangement

Students work in groups of 3 or 4

Tools

- 1 short metric measuring tape
- Sunshine



Procedure

1. Choose two students from your group. Measure their heights and the lengths of their shadows. Record your data in the table below.

Student Name	Height	Length of Shadow