

## **Lab – Height of a Flagpole**

**Purpose:** To measure the height of the school's flagpole

**Materials:**

- Astrolabe
- Meter stick

**Instructions:**

1. Measure the distance you are standing from the flagpole. While still standing at that distance, use the astrolabe to measure the angle between you and the flagpole.
2. Using the numbers you found, and knowing your height in meters, calculate the height of the flagpole.
3. The standard lab conclusion should be used