

## Overview

In this activity you will meet the following objectives:

- 6-1. Discover angle measurement.
- 6-2. Explore sine, cosie, and tangent.
- 6-3. Demonstrate ability to measure angles using a protractor.
- 6-4. Discover the Pythagorean theorem.

### STEP 1



## Inventory

As you've done previously, click **Lessons, Activity 6**, then **Inventory**, and complete the inventory procedures.

### STEP 2

## Vocabulary

The key terms for this activity are listed below:

10. protractor
11. hypotenuse

### STEP 3

## Do this

Locate the protractor (**Figure 6-1**), which is an instrument used to measure angles, and the **Angle Measuring Worksheet**.

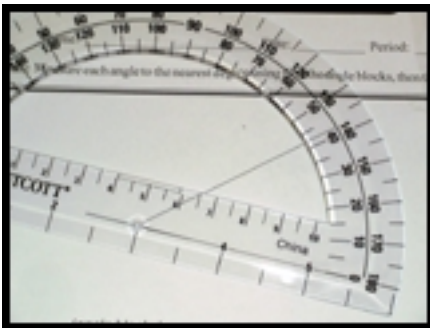


FIGURE 6-1

### Measuring Angles with a Protractor

1. Set the hole in the middle of the protractor over the angle's vertex (where the lines intersect).
2. Read the angle measurement along the top ray.
3. Record the measurement in the protractor line on the worksheet.
4. Repeat the above steps for the remainder of the worksheet.