

## PRACTICE CASE 1: Finding an Angle Using Trig Ratios



#### MPM2D1 Day 6: Solving for an Angle and a Side

### Example 3:

A ladder leans against a building. The foot of the ladder is 6 feet from the building. The ladder reaches height of 14 feet on the building. Determine to the nearest degree, the angle the ladder makes with the ground.

### Example 4:

A boat sails from port North for 2.8 km, then west for 4km What is the bearing back to port now? **Bearing:** Clockwise angle from NORTH.



# PRACTICE CASE 2: Finding a Side Length

