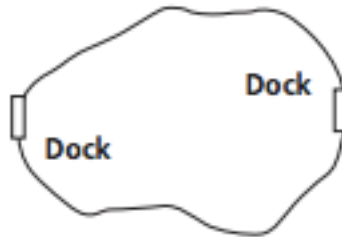


Name: _____ Date: _____ Band: _____
Geometry Ms. Lozada

Unit 6: Similarity Project

Distance Between Docks

The drawing at the right shows two docks on opposite sides of a lake. You want to find the distance across the lake between the two docks, but you can only measure distances on land.



Task: Use indirect measurement and similar triangles to find the distance.

Part 1: Make a plan

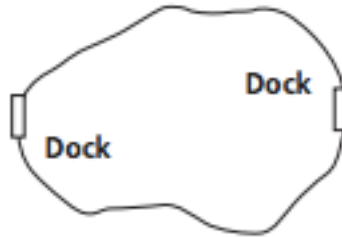
Devise and explain your plan for finding the distance.

Part 2: Collect data

Describe the indirect measurements you need to take.

Part 3: Draw a diagram

Sketch the similar triangles you would need on the diagram below.



Part 4: Complete the Task

Find the distance.