MATH 2
PROBLEM OF THE WEEK 1
Due Friday, January 10th, 2003 before the quiz.

Please show all your work!

Name:⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯

There are two flag poles, one 6 meters tall and the other 8 meters tall. Two ropes are connected from the bottom of one to the top of the other. Find the height h above the ground these two ropes intersect. See below.