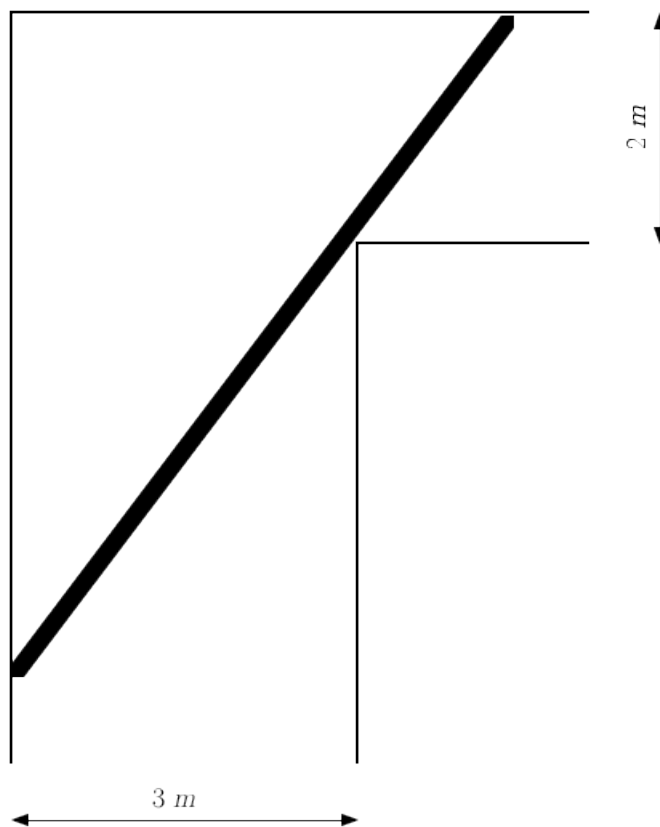


Mathematics 1101Y – Calculus I: functions and calculus of one variable  
TRENT UNIVERSITY, 2010–2011

Assignment #6

Pipe dreams?

Due on Friday, 10 December, 2010.



1. A rigid pipe is carried down a corridor 3 m wide. At the end of this corridor there is a right-angled turn into another corridor that is 2 m wide. What is the length of the longest pipe that can be carried horizontally around the corner? [10]