York University

CSE/MATH 1019A

## Homework Assignment #4 Due: September 26, 9:30 a.m.

## 1.

- (a) Show that  $\sqrt{6}$  is irrational.
- (b) Show that  $\sqrt{2} + 1$  is irrational.
- (c) Show that  $\sqrt{2} + \sqrt{3}$  is irrational.