# MA571 Problem Set 1

Carlos Salinas

August 31, 2015

## Problem 1.1

Proof.

## Problem 1.2

Proof.

## Problem 1.3

Proof.

## Problem 1.4

Proof.

## Problem 1.5

Proof.

## Problem 1.6

Proof.

## Problem 1.7

Proof.

## Problem 1.8

Proof.