# MA 519: Homework 1

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## PROBLEM 1.1

Solution. ▶

## PROBLEM 1.2

Solution. ▶

## PROBLEM 1.3

Solution. ▶

## PROBLEM 1.4

Solution. ▶

## PROBLEM 1.5

Solution. ▶

## PROBLEM 1.6

Solution. ▶

## PROBLEM 1.7

Solution. ▶

## PROBLEM 1.8

Solution. ▶

## PROBLEM 1.9

Solution. ▶

## **PROBLEM 1.10**

Solution. ▶

## **PROBLEM 1.11**

Solution. ▶

## **PROBLEM 1.12**

Solution. ▶

## **PROBLEM 1.13**

Solution. ▶

## **PROBLEM 1.14**

Solution. ▶

## **PROBLEM 1.15**

Solution. ▶

## **PROBLEM 1.16**

Solution. ▶

## **PROBLEM 1.17**

Solution. ▶