



Norwegian University of Science
and Technology
Department of Mathematical
Sciences

MA1201 Linear Algebra and Geometry

Exercise set 02

Compulsory exercises

Hand in your solutions to these exercises. All answers must be justified.

Chapter 1.3 - Matrix operations

Exercise 1 Exercise 1d, 1f, 2b, and 2c in chapter 1.3 of Elementary Linear Algebra.

Exercise 2 Exercise 5a and 5b in chapter 1.3 of Elementary Linear Algebra.

Chapter 1.4 - Inverses

Exercise 3 Exercise 10 in chapter 1.4 of Elementary Linear Algebra.

Exercise 4 Exercise 29 in chapter 1.4 of Elementary Linear Algebra.

For Exercise 5 do at least one of 5a and 5b.

Exercise 5a Exercise 45a and 45b in chapter 1.4 of Elementary Linear Algebra.

Exercise 5b Exercise 46a in chapter 1.4 of Elementary Linear Algebra.