

# MATH1061: Chapter 10 Practice Questions and Assignment

## 8

### Chapter 10 (Sections 10.1, 10.2, 10.3, 10.5) Practice Questions

The solutions to the Practice Questions are in the back of the textbook, so remember to check your solutions.

**Section 10.1** Complete the following questions from pages 544–546 of the textbook. 1, 3a, 5a, 5b, 8a, 8b, 9a, 10a, 12, 13, 16, 17, 23, 25.

**Section 10.2** Complete the following questions from pages 554–555 of the textbook. 1, 3, 6, 12, 14, 15, 18, 23, 26, 30, 31, 34, 37a, 37c.

**Section 10.3** Complete the following questions from pages 570–572 of the textbook. 1a, 2, 4, 6, 10a, 11a, 12a, 13a, 15, 20, 22.

**Section 10.5** Complete the following questions from pages 599–601 of the textbook. 1a, 1b, 2, 8, 9, 18, 19.

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### Assignment 8

Solutions to these questions are to be handed in to your tutors or to Mrs Diane Poke, Information Environments Program, UQ Ipswich, on Friday September 27, 2002.

Section 10.1: pages 544–546, Questions 5abcd, 10abc, 26.

Section 10.2: pages 554–555, Questions 17.

Section 10.3: pages 570–572, Prove that the relation defined in Question 21 is an equivalence relation. Questions 16, 21.

Section 10.5: pages 599–601, Questions 1, 9.