

MATH1081 notes

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1 1.1: Introduction

1. addition, multiplication, division and subtraction
2. Mainly dealing with finite sets

2 1.2: Sets and subsets

- A set is a well defined collection of distinct objects

Example: $S = \{1, a, 3\}$, $A = \Pi, 1$.

1. $e \notin A$; it is not in A
2. For example, if A is a set of all integers; $\{\text{all even integers}\} = \{n \in \mathbb{R} \mid n \text{ is even}\}$.