

# Mathematical Methods

## 2025

### Question booklet 1

- Question 1 to 6 (50 marks)
- Answer **all** questions
- Write your answers in this question booklet
- You may write on page 14 if you need more space
- Allow approximately 65 minutes
- Approved calculators may be used – complete the box below

### Examination information

#### Materials

- Question booklet 1
- Question booklet 2
- Formula sheet
- SACE registration number label

#### Instructions

- Show appropriate working and steps of logic in this question booklet
- State all answers correct to three significant figures, unless otherwise instructed
- Use black or blue pen
- You may use a sharp dark pencil for diagrams and graphical representations

**Total time:** 130 minutes

**Total marks:** 100

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*The SACE Board of South Australia acknowledges that this examination was created on Kaurna Land. We acknowledge First Nations Elders, parents, families, and communities as the first educators of their children, and we recognise and value the cultures and strengths that First Nations students bring to the classroom. We respect the unique connection and relationship that First Nations peoples have to Country, and their ever-enduring cultural heritage.*

Attach your SACE registration number label here

#### Graphics calculator

1. Brand \_\_\_\_\_  
Model \_\_\_\_\_
2. Brand \_\_\_\_\_  
Model \_\_\_\_\_