



South Australian  
Certificate of Education

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# Specialist Mathematics

## Northern Hemisphere — April 2019

### Question booklet 1

- **Part 1** (Questions 1 to 10) 75 marks
- Answer **all** questions in Part 1
- Write your answers in this question booklet
- You may write on pages 21 and 26 if you need more space
- Allow approximately 90 minutes
- Approved calculators may be used — complete the box below

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### Examination information

#### Materials

- Question booklet 1 (Part 1)
- Question booklet 2 (Part 2)
- SACE registration number label

#### Reading time

- 10 minutes
- You may begin writing during this time
- You may begin using an approved calculator during this time

#### Writing time

- 3 hours
- Show appropriate working and steps of logic in the question booklets
- 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

**Total marks 150**



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of South Australia

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<p><b>Attach your SACE registration number label here</b></p>
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Graphics calculator	
1. Brand	_____
Model	_____
2. Brand	_____
Model	_____