



Website: [contoureducation.com.au](https://contoureducation.com.au) | Phone: 1800 888 300

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VCE Mathematical Methods  $\frac{1}{2}$   
So What's Next [0.2]  
Workbook



## You've Finished Your Trial – So, What's Next?

### Tutor Social Media/Phone Number

➤ Social Media: *(Circle)* Discord / Instagram / Facebook / Messenger / Phone / Email

➤ Tutor's Social Media Details (e.g. Instagram @):

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➤ Contour Discord: Email will be sent out in next few weeks to join, so watch out for it!

### Workshops

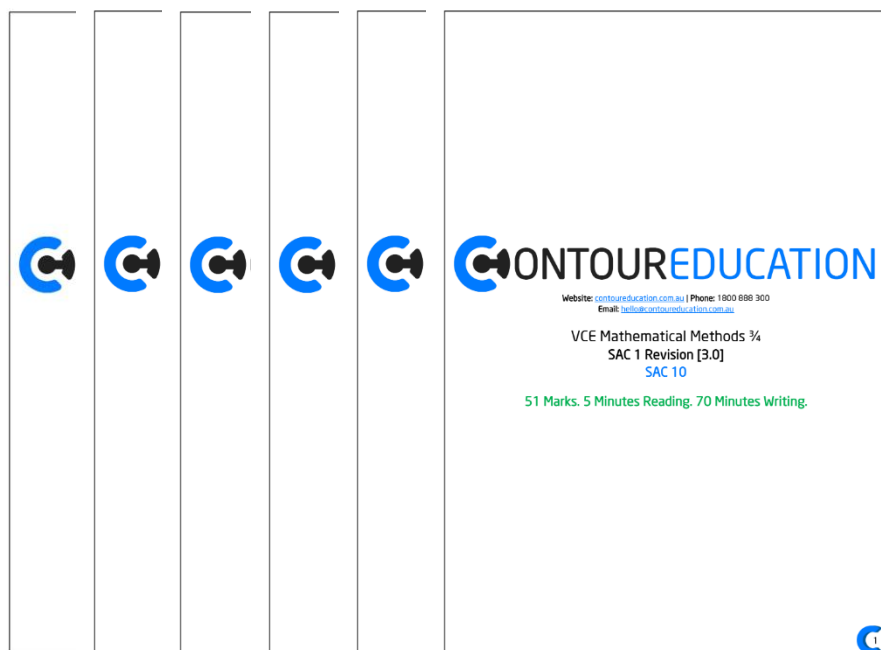


- ✓ **To do:** Attend your first 2-hour workshop session!
- ✓ **Info:** Every week, the **additional 2-hour workshop**, runs through exam & SAC-style practice problems and talk about the strategies and mindset for tackling more difficult problems.
- ✓ **Style:** You attempt difficulty problems, tutor walks through them after.
- ✓ **Day and Time:** \_\_\_\_\_ (Or check your email inbox for details)

Space for Personal Notes

## Extra Resources

- **New Contour SAC Packs** in 2025 for targeted SAC revision, including practice for school-specific SACs.



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Write your **student number** in the boxes above.      **Letter**

### Mathematical Methods ¾

#### Question and Answer Book

VCE Examination – September 2024

- Reading time is **15 minutes**.
- Writing time is **2 hours**.

#### Materials Supplied

- Question and Answer Book of 28 pages.
- Multiple-Choice Answer Sheet.

#### Instructions

- Follow the instructions on your Multiple-Choice Answer Sheet.
- At the end of the examination, place your Multiple-Choice Answer Sheet inside the front cover of this book.

Students are **not** permitted to bring mobile phones and/or any unauthorised electronic devices into the examination room.

Contents	Pages
<b>Section A</b> (20 questions, 20 marks)	2–10
<b>Section B</b> (5 questions, 60 marks)	11–28

Student's Name: \_\_\_\_\_

Student's Email: \_\_\_\_\_

Tutor's Name: \_\_\_\_\_

Regular Class Day: Mon / Tue / Wed / Thu / Fri / Sat / Sun      Class Time: \_\_\_\_\_

Regular Campus (Location for Marked Exam Pickup): City / Glen Waverley / Box Hill / Online

Marks (Tutor Only): \_\_\_\_\_

- **New Contour Exam Packs** in 2025 for even more exam revision practice material.

- **Revamped Contour Mock Exams** in 2025, with quicker marking and feedback.

**MUST DO:** Email [hello@contoureducation.com.au](mailto:hello@contoureducation.com.au) to confirm if you would like to enrol or NOT continue with the program.

**Please reach out to us within 24-hours to secure your spot :)**

Reasoning: This will help us know if we should book your spot in the class, or if the spot will free up for someone else.

## Enrolment Form and Invoices



### Enrolment Form

Student Full Name

Student Email Student Phone

School Year Level in 2025

Gender ☐ Male ☐ Female ☐ Prefer not to say

Guardian Full Name

Guardian Email Guardian Phone

Street Address

Suburb State Postal Code

Goal University Course

Student's Goal for Tutoring & Results  
Please include as many details as you'd like. The more you can tell us about your current goals and aims, the better we can help you! :)

Parent's Goal for Tutoring & Results

Feedback From Trial Week  
Please include as much feedback as you'd like (positive remarks or constructive criticism) so we can improve our services!

hello@contoureducation.com.au 1800 888 300  
www.contoureducation.com.au ABN: 79 664 367 882

➤ **To do:** Fill out an enrolment form to continue confirm your enrolment at Contour, should already be emailed to you!

➤ **Scenario:** I cannot find my enrolment form!

Email the team at [hello@contoureducation.com.au](mailto:hello@contoureducation.com.au). You can also reach out to us for any admin-related questions in general! 😊

## Space for Personal Notes

## Your Program Success Team

- **Program Success Coordinator (PSC):** You and your parents will be assigned one in next few weeks.
- **Their Purpose:**
  - 🔗 Make the most out of Contour enrolment
  - 🔗 Become your first point of contact for anything - issues, questions, concerns, suggestions- everything
  - 🔗 Will touch-base with you at least once every Contour Term to check-in

## Free 1-on-1 Consultations

**Question 3 Walkthrough.**  
The infrared (IR) spectrum of an organic compound is shown below.

**INFRARED SPECTRUM**

Transmittance vs Wavenumber ( $\text{cm}^{-1}$ )

3600 - 3100 Wavenumber ( $\text{cm}^{-1}$ )

OH

C-H ignore

Name the functional group present in the molecule. Justify by referring to the infrared spectrum above.

Hydroxyl group - broad & strong absorbance at 3200-3600  $\text{cm}^{-1}$  corresponds to O-H (alcohols)

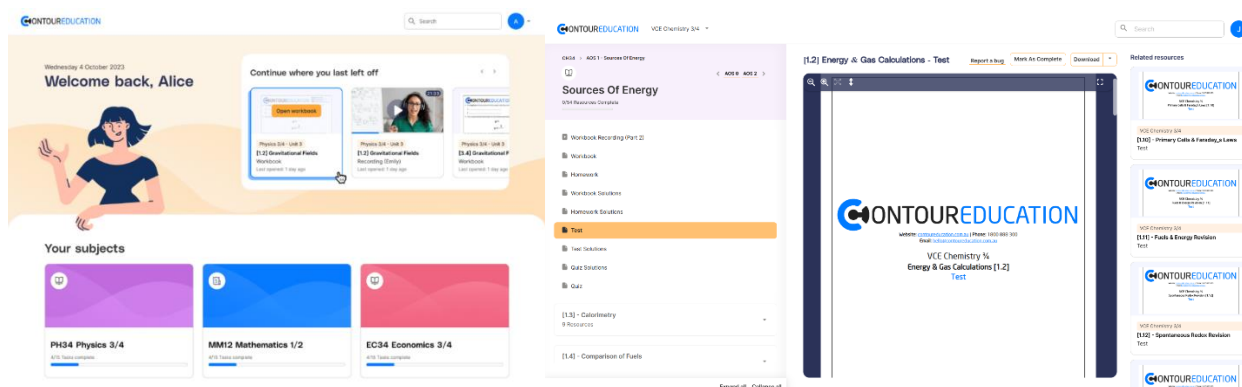
Jeffrey's iPad

- **Feature:** You can start booking free 1-on-1 consultations with the tutoring team at Contour, for additional help outside of class. Essentially free additional private tutoring on top
- **Purpose:** Clearing doubts, getting additional assessment help, getting study advice from someone who has been there, done that.

## Space for Personal Notes

## The Contour Learning Portal

- **Access:** After you confirm your enrolment with us and pay your first invoice.
- **Features:**
  - 🔗 **All the Contour resources** (e.g. workbook annotations, homework solutions, practice tests, SACs, and exams with solutions etc)
  - 🔗 **Lesson and Workshop Recordings** to catch up, watch again or revise!



## To Summarise



- ✅ **Email [hello@contoureducation.com.au](mailto:hello@contoureducation.com.au) to confirm if you would like to enrol or NOT continue with the program.**
- ✅ **If you have not yet completed your enrolment form, complete it now.**
- ✅ **Receive the first invoice on your (and your guardians') email, and pay the first invoice.**
- ✅ **Receive access to the Contour learning portal on your email, and access all the Contour resources.**
- ✅ **Continue attending classes and workshops as usual, and engaging with the program!**

Space for Personal Notes

### Quick Feedback Form

<https://forms.gle/P2XG3NMH8iu16fqD6>



Space for Personal Notes