

93202A



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SUPERVISOR'S USE ONLY



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

## Scholarship 2013 Calculus

2.00 pm Monday 18 November 2013  
Time allowed: Three hours  
Total marks: 40

### ANSWER BOOKLET

There are six questions in this examination. Answer ANY FIVE questions.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

Write ALL your answers in this booklet.

Make sure that you have Formulae and Tables Booklet S–CALCF.

Show ALL working. Start your answer to each question on a new page. Carefully number each question.

Answers developed using a CAS calculator require **ALL commands to be shown**. Correct answers only will not be sufficient.

Check that this booklet has pages 2–27 in the correct order and that none of these pages is blank.

Figure Five from Question Five is repeated on Page 27 of this booklet so that you can show any working.

**YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.**

Question	Mark
<b>TOTAL</b>	<b>/40</b>

ASSESSOR'S USE ONLY

You have three hours to complete this examination.

This examination consists of six questions.  
Answer any FIVE questions.

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[illegible]











[illegible]





[illegible]

[illegible]



QUESTION  
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Figure Five from Question Five.

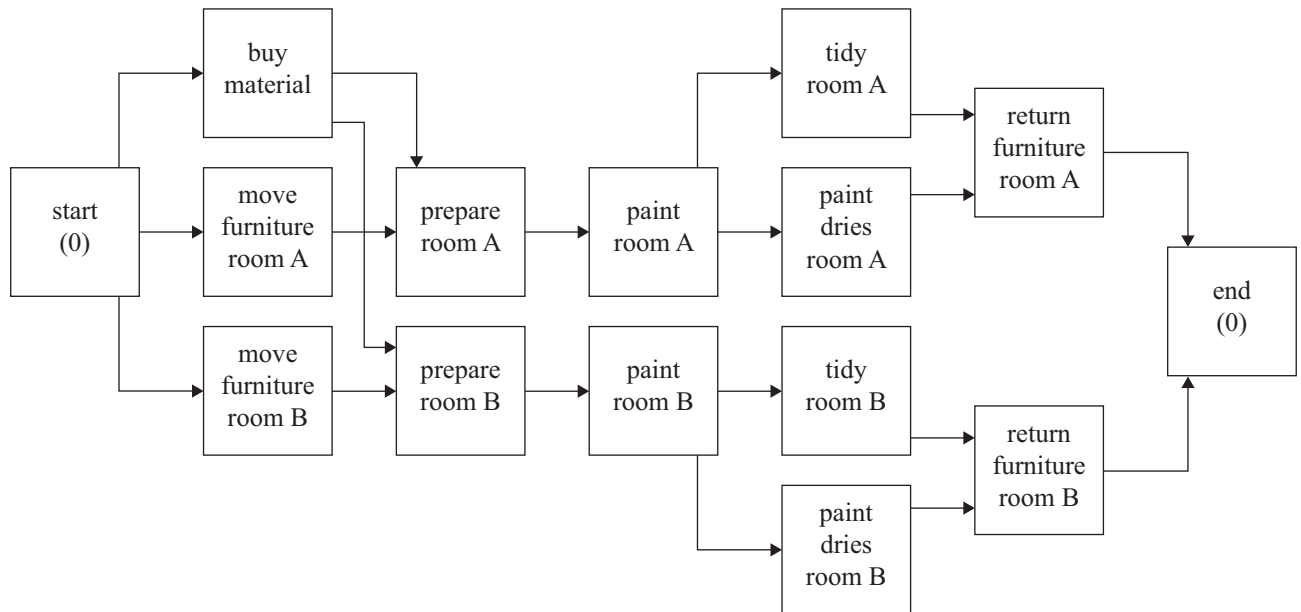


Figure 5: Incomplete flow chart of tasks for painting two rooms.

