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# Question Paper Brief

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## National 5 Lifeskills Mathematics

**C744 75**

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# Question Paper Brief — National 5 Lifeskills Mathematics

The Course assessment consists of two question papers which will assess:

- ◆ analysing and interpreting real-life situations and problems involving mathematics in new and previously unseen situations
- ◆ selecting and integrating mathematical operational skills from across the Course to tackle real-life situations or problems
- ◆ applying a range of mathematical operational skills to an appropriate degree of accuracy with and without the aid of a calculator
- ◆ using mathematical reasoning skills to draw conclusions or justify decisions
- ◆ communicating mathematical information appropriately

The question papers will sample the 'Further mandatory information on Course Coverage' in the *Course Assessment Specification*. This sample will draw on all of the skills, knowledge and understanding from each of the following areas:

- ◆ reasoning skills
- ◆ financial skills
- ◆ statistical skills
- ◆ measurement skills
- ◆ geometric skills
- ◆ numerical skills
- ◆ interpretation skills

Command words are the verbs or verbal phrases used in questions and tasks which ask candidates to demonstrate specific skills, knowledge or understanding. For examples of some of the command words used in this assessment, refer to the [Past Papers and Specimen Question Paper](#).

The Course assessment will consist of two question papers:

	<b>Paper 1 (non-calculator)</b>	<b>Paper 2 (case studies)</b>
<b>Time</b>	50 minutes	100 minutes (including time to read and absorb case study information)
<b>Marks</b>	35	55
<b>Skills</b>	<p>The purpose of question paper 1 is to allow candidates to demonstrate, <b>without the aid of a calculator</b>, an understanding of a range of mathematical operational and reasoning skills and to select, apply and combine them to perform calculations in real-life contexts.</p> <p>Candidates will also have opportunities to demonstrate skills in interpreting and presenting information.</p> <p>Questions will sample the mandatory skills, knowledge and understanding from across the three mandatory Units as described in the 'Further mandatory information on Course coverage' section in the <i>Course Assessment Specification</i>.</p>	<p>The purpose of question paper 2 is to allow candidates to demonstrate the application and extension of mathematical skills, knowledge and understanding from across the Course through the use of case studies. A calculator can be used.</p> <p>This question paper will give candidates an opportunity to interpret and analyse real-life problems or situations, select appropriate strategies, carry out calculations and draw valid conclusions or justify decisions.</p> <p>Questions will sample the mathematical operational skills from across the three mandatory Units as described in the 'Further mandatory information on Course coverage' section in the <i>Course Assessment Specification</i>.</p>
<b>Type of question</b>	Short answer and extended response	Short answer and extended response based on source material
<b>Type of question paper</b>	Structured question papers: both papers are question-and-answer papers which have spaces for answers.	
<b>Proportion of level 'C' questions</b>	Many questions will use a stepped approach to ensure that there are opportunities for candidates to demonstrate their abilities beyond level 'C'. Approximately 65% of the marks will be available for level 'C' responses.	
<b>Balance of skills</b>	Operational and reasoning skills will be assessed in both question papers. Some questions will assess only operational skills but most will require some reasoning as well.	