



# **NCFE Entry Level 2 Functional Skills Qualification in Mathematics**

## **(603/5053/2)**

Mark scheme: Paper 13

### **Marking guidelines**

The following mark scheme gives:

- the total marks available for each question
- the subject content referencing
- example process/methods and evidence of the types of responses expected for each mark.

#### *General guidelines*

You must apply the following marking guidelines to all marking undertaken throughout the marking period. This is to ensure fairness to all learners, who must receive the same treatment. You must mark the first learner in exactly the same way as you mark the last.

- The mark scheme must be referred to throughout the marking period and applied consistently. Do not change your approach to marking once you have been standardised.
- Reward learners positively giving credit for what they have shown, rather than what they might have omitted.
- Utilise the whole mark range and always award full marks when the response merits.
- Be prepared to award zero marks if the learner's response has no relevant material.
- Do not credit irrelevant material that does not answer the question, no matter how impressive the response might be.
- The marks awarded for each response should be clearly and legibly recorded in the grid on the front of the question paper.
- If you are in any doubt about the application of the mark scheme, you must consult with your Internal Quality Assurer (IQA).

To support the valid, reliable and consistent marking of learner evidence, the following abbreviations are applied throughout the mark scheme:

<b>Annotation</b>	<b>Explanation and use</b>
<b>FT</b>	Follow through marks are applied when there are earlier mistakes in the method.
<b>OE</b>	Or equivalent marks are available for the justification of the answer being presented in a different form to the mark scheme ie 0.5 or $\frac{1}{2}$ .
<b>CAO</b>	Correct answer only.
<b>Their</b>	'Their' refers to the learners' own values.
<b>Seen</b>	Seen refers to the requirement to see the stated value in the learner's response or working out.
<b>Imp</b>	Implied refers to the learner's response implying correct working out used but not seen.
<b>Brackets</b>	Indicates units are not required on final answers or for answers seen within working.
<b>BOD</b>	Benefit of doubt where learner handwriting may be difficult to interpret but previous working may indicate correct final answer.
<b>Shaded</b>	Indicates requirements for full marks to be awarded.

Section A Activity 1	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
1 (a)	2	PS	Jon, Pippa, Lily, Mark	All 4 correct for full marks Accept values written	
	1		Any 3 in consecutive order or nearest and furthest correct or correctly ordered but furthest to nearest		N11
1 (b)	2	PS	28 (biscuits)	Working must be seen for full marks	
	1		7 x 4	OE method	N6
	1		28 (biscuits)	CAO	N6
1 (c)	2	PS	No and 5	Decision without reason is 0 marks OE decision and valid numerical reason eg No and 1 less	
	1		...5	OE valid numerical reason eg ...1 less	N10
1 (d)	1	UPS	12 (edges)	CAO	M20b
1 (e)	1	UPS	Blackbird	Accept blackbird indicated on table	H22
<b>Total marks</b>	<b>8</b>				

<b>Section B Activity 2</b>	<b>Marks</b>	<b>UPS/PS</b>	<b>Process and Answer</b>	<b>Additional or Alternative Evidence (with guidance)</b>	<b>SC</b>
<b>2 (a)</b>	<b>2</b>	<b>PS</b>	<b>60p</b>	<b>Award full marks if correct answer seen</b>	
	1		6 x 10	OE method	M12
	1		60p	CAO – must include correct monetary notation	M12
<b>2 (b)</b>	<b>2</b>	<b>PS</b>	<b>19 (birds)</b>	<b>Award full marks if correct answer seen</b>	
	1		82 – 63	OE method	N5b
	1		19 (birds)	CAO	N5b
<b>2 (c)</b>	<b>2</b>	<b>PS</b>	<b>(£) 20</b>	<b>Award full marks if correct answer seen</b>	
	1		(£) 40 and (£) 60	Accept written or indicated on chart	H23
<b>2 (d)</b>	<b>1</b>	<b>PS</b>	<b>B indicated only</b>	<b>Accept mark other than tick</b>	<b>M13a</b>
<b>2 (e)</b>	<b>1</b>	<b>UPS</b>	<b>C indicated only</b>	<b>Accept mark other than tick</b>	<b>N7b</b>
<b>Total marks</b>	<b>8</b>				

<b>Section B Activity 3</b>	<b>Marks</b>	<b>UPS/PS</b>	<b>Process and Answer</b>	<b>Additional or Alternative Evidence (with guidance)</b>	<b>SC</b>
<b>3 (a)</b>	<b>1</b>	<b>UPS</b>	<b>25 (birds)</b>	<b>CAO</b>	<b>N1</b>
<b>3 (b)</b>	<b>1</b>	<b>PS</b>	<b>÷ symbol seen</b>	<b>CAO</b>	<b>N4b</b>
<b>3 (c)</b>	<b>2</b>	<b>PS</b>	<b>103 (videos)</b>	<b>Award full marks if correct answer seen</b>	
	<b>1</b>		<b>67 + 36</b>	<b>OE method</b>	<b>N5a</b>
	<b>1</b>		<b>103 (videos)</b>	<b>CAO</b>	<b>N5a</b>
<b>3 (d)</b>	<b>1</b>	<b>UPS</b>	<b>Cylinder</b>	<b>Accept spelling error as long as meaning is clear</b>	<b>M19b</b>
<b>3 (e)</b>	<b>1</b>	<b>UPS</b>	<b>D indicated only</b>	<b>Accept mark other than tick</b>	<b>M13c</b>
<b>3 (f)</b>	<b>1</b>	<b>PS</b>	<b>6.00</b>	<b>OE indication of correct time eg six o'clock Accept written or indicated on image</b>	<b>H22</b>
<b>3 (g)</b>	<b>1</b>	<b>PS</b>	<b>3 (kg)</b>	<b>CAO</b>	<b>M18</b>
<b>Total marks</b>	<b>8</b>				

Section B Activity 4	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
4 (a)	1	PS	20 °C	CAO	M17
4 (b)	1	PS	25 for magpie	Accept any indication of plotting the value correctly	H25
4 (c)	1	UPS	200 ml indicated on scale	CAO	M16
4 (d)	1	UPS	C indicated only	Accept mark other than tick	M14
4 (e)	2	PS	7 (packs)	Award full marks if correct answer seen	
	1		$42 \div 6$	OE method	N8
	1		7 (packs)	CAO	N8
4 (f)	2	PS	No and Ben's weighs more	Decision without reason is 0 marks OE decision and valid reason eg No and 1 kg is heavier	
	1		.....Ben's weighs more	OE valid reason eg.....1 kg is heavier	M15
<b>Total marks</b>	<b>8</b>				