

NCFE Entry Level 2 Functional Skills Qualification in Mathematics

(603/5053/2)

Mark scheme: Paper 9

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:

Annotation	Explanation and use
FT	Follow through marks are applied when there are earlier mistakes in the method.
OE	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 $\frac{1}{2}$.
CAO	Correct answer only.
Their	'Their' refers to the learners' own values.
Seen	Seen refers to the requirement to see the stated value in the learner's response or working out.
Imp	Implied refers to the learner's response implying correct working out used but not seen.
Brackets	Indicates units are not required on final answers or for answers seen within working.
BOD	Benefit of doubt where learner handwriting may be difficult to interpret but previous working may indicate correct final answer.
Shaded	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)	1	UPS	6 and 8 only	Both values correct and in order	N3
1 (b)	2	PS	96 (books)	Working must be seen for full marks	
	1		8 x 12	OE method	N6
	1		96 (books)	CAO	N6
1 (c)	1	UPS	— symbol seen	CAO	N4a
1 (d)	2	PS	No and the temperature has gone up	Decision without reason is 0 marks OE decision and valid reason eg No and 19 (°C) is more than 15 (°C)	
	1		...the temperature has gone up	OE valid reason eg ...19 (°C) is more than 15 (°C)	M17
1 (e)	2	PS	95p	Award full marks if correct answer seen	
	1		75 + 20	OE method	M12
	1		95p	CAO – must include correct monetary notation	M12
Total marks	8				

Section B Activity 2	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
2 (a)	2	PS	No and Friday	Decision without reason is 0 marks OE decision and valid reason eg No and the library is closed in 2 days' time	
	1		...Friday	OE valid reason eg ...the library is closed in 2 days' time	H22
2 (b)	1	PS	2 (people)	Accept 2 correct names Accept written or indicated on chart	H23
2 (c)	1	UPS	C indicated only	Accept mark other than tick	M21
2 (d)	2	PS	29th April)	Award full marks if correct answer seen	
	1		15 + 14	OE method	N5a
	1		29 th April)	CAO	N5a
2 (e)	1	UPS	4 (corners)	CAO	M20a
2 (f)	1	UPS	Cylinder	Accept spelling error as long as meaning is clear	M19b
Total marks	8				

Section B Activity 3	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
3 (a)	2	PS	4 (groups of children)	Award full marks if correct answer seen	
	1		22 ÷ 5	OE method	N8
	1		4 (groups of children)	CAO	N8
3 (b)	1	PS	2 (children left over)	Allow correct answer if seen in 3a Allow correct remainder from their answer to 3a	N8
3 (c)	1	PS	B indicated only	Accept mark other than tick	M13b
3 (d)	1	UPS	Cuboid	Accept spelling error as long as meaning is clear	M19b
3 (e)	2	PS	27 (bookmarks)	Award full marks if correct answer seen	
	1		55 – 28	OE method	N5b
	1		27 (bookmarks)	CAO	N5b
3 (f)	1	PS	Apple juice 40 and fizzy water 5 only	Both values correct for mark	H25
Total marks	8				

Section B Activity 4	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
4 (a)	2	UPS	23, 92, 168, 186	All 4 values correct for full marks Accept items written	
	1		Any 3 values in consecutive order or largest and smallest correct or correctly ordered but largest to smallest		N2b
4 (b)	1	PS	1 kg 200 g	CAO	M18
4 (c)	1	PS	A indicated only	Accept mark other than tick	M15
4 (d)	1	PS	B indicated only	Accept mark other than tick	N11
4 (e)	2	PS	Small paperback 2 and large hardback 4 only	Both values correct	
	1		Small paperback 2 or large hardback 4		H24
4 (f)	1	PS	Any 3 computers indicated only	Accept mark other than tick	N10
Total marks	8				