



NCFE Entry Level 3 Functional Skills Qualification in Mathematics

(603/5061/1)

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 i.e. 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)	2	PS	402 (tickets)	Working must be seen for full marks	
	1		225 + 23 + 154	OE method	N2a
	1		402 (tickets)	CAO	N2a
1 (b)	2	PS	178 (tickets)	Award full marks if correct answer seen	
	1		225 – 47	OE method	N2b
	1		178 (tickets)	CAO	N2b
1 (c)	2	PS	290 + 310 + 240 = 840	OE method of checking	
	1		290 and 310 and 240	Rounded values seen	N5
1 (d)	1	PS	120 (drinks)	CAO	H22
1 (e)	1	PS	(Box) C (Box) B (Box) A	All 3 correct for mark Accept lengths written	M15
1 (f)	1	UPS	A indicated only	Accept mark other than tick	M18
1 (g)	1	UPS	850 ml	CAO	M14b
Total marks	10				

Section B Activity 2	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
2 (a)	1	UPS	Ronald Street (cinema) only	OE 3.2 km Accept Ronald Street cinema indicated on list	N8
2 (b)	1	PS	Style (cinema), Film World (cinema), Ronald Street (cinema)	All 3 correct for mark Accept values written	N1b
2 (c)	2	PS	168 (films)	Award full marks if correct answer seen	
	1		21 x 8	OE method	N4
	1		168 (films)	CAO	N4
2 (d)	1	PS	Love in London only	OE 8.25 pm Accept Love in London indicated on image	M12b
2 (e)	1	UPS	2.20 (pm)	OE indication of correct time eg 20 (minutes) past 2	M13
2 (f)	2	PS	3.02 pm	Award full marks if correct answer seen	
	1		2.45 + 17 or 3.02 without pm	OE to show evidence of measuring time accurately OE format eg 2 minutes past 3	M12b
	1		3.02 pm	CAO – must include correct 12hr format	M12c
2 (g)	1	UPS	1 (.00)	CAO	N9
2 (h)	1	PS	C indicated only	Accept mark other than tick	M20
Total marks	10				

Section B Activity 3	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
3 (a)	1	PS	C indicated only	Accept mark other than tick	M19a
3 (b)	2	PS	£15.55	Award full marks if correct answer seen	
	1		4 + 4 + 4 + 3.55	OE method	M10
	1		£15.55	CAO – must include correct monetary notation Accept only £15.55 Do not accept 15.55p or £15.55p	M10
3 (c)	1	UPS	140 g	CAO	M14c
3 (d)	1	UPS	(£) 2.90	CAO	M11
3 (e)	1	UPS	B indicated only	Accept mark other than tick	M16
3 (f)	1	PS	$\frac{3}{4}$	OE eg written or equivalent fraction	N7
3 (g)	2	PS	Yes and 1 (°C hotter)	Decision without reason is 0 marks OE decision and valid numerical reason eg Yes and 21 (°C) inside	
	1		...1(°C hotter)	OE valid numerical reason eg ...21(°C) inside	M14d
3 (h)	1	UPS	60 and 72 only	Both values correct and in order	N6
Total marks	10				

Section B Activity 4	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
4 (a)	2	PS	4 stars 9 and 5 stars 5	Both rows correct Do not accept tally without frequency value	
	1		4 stars 9 or 5 stars 5		H21
4 (b)	3	PS		OE accurate chart with both axis labels All bars drawn correctly	
	1		Rating in horizontal axis and Frequency in vertical axis	OE suitable labels as long as mathematically correct eg Number of ratings/stars (horizontal) Number of scores (vertical)	H23
	1		Any 3 bars drawn correctly	Allow FT of values from previous question if plotted correctly	H23
	1		All 5 bars drawn correctly	Allow FT of values from previous question if plotted correctly	H23
4 (c)	2	PS	380 (tickets)	Award full marks if correct answer seen	
	1		500 and 120	Accept written or indicated on chart	H22
4 (d)	2	PS	114 (people)	Award full marks if correct answer seen	
	1		$912 \div 8$	OE method	N3
	1		114 (people)	CAO	N3
4 (e)	1	UPS	792	CAO	N4
Total marks	10				