



NCFE Entry Level 2 Functional Skills Qualification in Mathematics

(603/5053/2)

Mark scheme: Paper 10

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	A indicated only	Accept mark other than tick	M13b
1 (b)	3	PS	No and 108 (lambs)	Decision without reason is 0 marks OE decision and valid numerical reason eg No and 10 fewer/less	
	1		63 + 45	OE method	N5a
	1		...108 (lambs)	OE valid numerical reason eg ...10 fewer/less	N5a
	1		No and 108 (lambs)	OE eg No and 10 fewer/less	N2b
1 (c)	1	UPS	150 ml	CAO	M18
1 (d)	1	UPS	C indicated only	Accept mark other than tick	N11
1 (e)	2	PS	56 (bales)	Working must be seen for full marks	
	1		8 × 7	OE method Accept 8 × 5 to allow for a 5 day week	N6
	1		56 (bales)	Accept 40 (bales) if calculation above seen	N6
Total marks	8				

Section B Activity 2	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
2 (a)	1	PS	D indicated only	Accept mark other than tick	M19a
2 (b)	1	UPS	C indicated only	Accept mark other than tick	M14
2 (c)	2	PS	70 for Thursday and 40 for Friday	Accept any indication of plotting each value correctly	
	1		70 for Thursday or 40 for Friday		H25
2 (d)	2	PS	4 (lengths)	Award full marks if correct answer seen	
	1		$37 \div 8$	OE method	N8
	1		4 (lengths)	CAO	N8
2 (e)	1	PS	5 (metres left over)	Allow correct answer if seen in 2d Allow correct remainder from their answer to 2d	N8
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	48 (weeks)	Award full marks if correct answer seen	
	1		52 – 4 (weeks)	OE method	N7b
	1		48 (weeks)	CAO	N5b
3 (b)	1	UPS	12 kg indicated on scale	CAO	M15
3 (c)	2	PS	£16	Award full marks if correct answer seen	
	1		50 – 34	OE method	M12
	1		£16	CAO - must include correct monetary notation	M12
3 (d)	2	PS	Mr Green and Dr White only	Accept Mr Green and Dr White indicated on table	
	1		Mr Green or Dr White	Accept Mr Green or Dr White indicated on table	H24
3 (e)	1	PS	Wednesday only	OE 191 km Accept Wednesday indicated on table	N2b
Total marks	8				

Section B Activity 4	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
4 (a)	1	PS	Ben only	Accept Ben indicated on table	H22
4 (b)	1	PS	Correct space indicated only	Accept mark other than tick	M21
4 (c)	1	UPS	5 (corners)	CAO	M20a
4 (d)	2	PS	$50 + 40 + 60 = 150$	OE method of checking	
	1		50 and 40 and 60	Rounded values seen	N9
4 (e)	1	UPS	31 (cabbages)	CAO	N1
4 (f)	1	PS	3 (workers)	Accept 3 correct names Accept written or indicated on chart	H23
4 (g)	1	PS	A indicated only	Accept mark other than tick	M16
Total marks	8				