

NCFE Entry Level 2 Functional Skills Qualification in Mathematics (603/5053/2)

Mark scheme: Paper 2

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 beside each question.
- 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	(£) 150 (.00)	CAO	N2a
1(b)	2	PS	£145	Award full marks if correct answer seen	
	1		80 + 35 + 23 + 7	OE eg addition seen in any order	M12
	1		£145	CAO – must include correct monetary notation	M12
1(c)	1	PS	Yes	Accept No if FT from 1b is >150	N2b
1(d)	2	PS	Wednesday	Award full marks if correct answer seen	
	1		Monday + 2	OE Accept any indication/ implied knowledge of 24 hours in a day	N7a
	1		Wednesday	CAO	N7a
1(e)	1	UPS	C indicated only	CAO Accept mark other than tick	M13c
1(f)	1	PS	Go forwards	OE eg between house 16 and 20 or straight ahead	M21
Total marks	8				

Section B Activity 2	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC
2(a)	1	PS	B indicated only	CAO Accept mark other than tick	N11
2(b)	3	PS	10 x 10 = 100	Award full marks if correct answer seen	
	1		10 and 10 or 100	indicates rounding of 8 and 12 or 96	N9
	1		10 x 10	Accept their 10 x 10 as long as multiplication is indicated	N6
	1		10 x 10 = 100	Accept FT from their 10 x 10	N6
2(c)	2	PS	Compost D	Accept clear indication on table eg D ticked or circled	
	1		Compost B or Compost C	Implies that one value has been identified. Under £10 or 65 litres	H22
2(d)	1	UPS	C indicated only	CAO Accept mark other than tick	M16
2(e)	1	UPS	Sphere	CAO Accept spelling errors 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	UPS	Rectangles have <u>4</u> sides and <u>4</u> corners.	Accept 4 corners and 4 sides written elsewhere	
	1		4 sides or 4 corners		M20a
3(b)	2	PS	B and D indicated	Both correct Accept mark other than tick	
	1		B indicated or D indicated	1 correct	M14
3(c)	1	PS	$\frac{1}{4}$	OE eg one/1 quarter or 1/4	N10
3(d)	1	PS	$\frac{3}{4}$	OE eg three/3 quarters or 3/4	N10
3(e)	2	PS	Yes (there are) 7 more violas	Yes without explanation is 0 marks	
	1		...(there are) 7 more violas	OE eg There are 7 less sunflowers 12 is more than 5 5 is less than 12	H23
Total marks	8				

Section B Activity 4	Marks	UPS/PS	Process and Answer	Additional or Alternative Evidence (with guidance)	SC										
4(a)	2	PS	<table border="1"> <thead> <tr> <th>Day</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Monday</td> <td>20</td> </tr> <tr> <td>Tuesday</td> <td>15</td> </tr> <tr> <td>Wednesday</td> <td>25</td> </tr> <tr> <td>Thursday</td> <td>10</td> </tr> </tbody> </table>	Day	Number	Monday	20	Tuesday	15	Wednesday	25	Thursday	10	All four values correct for 2 marks	
			Day	Number											
			Monday	20											
			Tuesday	15											
			Wednesday	25											
Thursday	10														
1	2-3 correct values	H25													
4(b)	2	PS	70 (birds)	CAO											
1			20 + 15 + 25 + 10 seen	OE	N1										
4(c)	2	PS	45 (bird feeders)	CAO											
1			20 + 25	OE eg reverse order	N5a										
1			45 (bird feeders)	CAO	N5a										
4(d)	1	UPS	÷ seen	CAO	N4a										
4(e)	1	UPS	B indicated only	CAO Accept mark other than tick	M17										
Total marks	8														