Education and Manpower Bureau
Territory-wide System Assessment 2004
Primary 3 Mathematics
Marking Scheme (Revised Version)

NOTES TO MARKERS

1. **General**

    (a) Markers are requested to treat the students' scores as confidential.

    (b) Any marker, who for any reason, wishes to withdraw must immediately notify his / her School Coordinator for replacement, and the Hong Kong Examinations and Assessment Authority of the changes by fax (2351 3447)

2. **Vigilance in Handling Scripts**

    Markers are reminded to exercise vigilance in handling scripts and take precautions throughout the marking period in order to avoid loss of scripts, e.g. keeping scripts in a safe place, not leaving scripts unattended at any time, and making sure that scripts are secure in transit.

3. **Checking of Scripts**

    Markers should ensure that the number of scripts received tallies with the number indicated on the "Envelope for Worked Question Answer Booklets". Please inform the School Coordinator immediately if there is any discrepancy. The School Coordinator should then report the case to the Authority by fax (2351 3447).

4. **Marking**

    IMPORTANT：
    (i) Scripts must **NOT** be marked in public places.
    (ii) Scripts should be kept in safe custody at all times.
    (iii) Script must be marked in **RED**.
    (iv) Markers must fill in their names and sign on the "Envelope for Worked Question Answer Booklets".

(a) Markers for Chinese and Mathematics should first group the scripts by the different sub-papers before marking (for Chinese：C1, C2, C3, C1W, C2W and C3W; for Mathematics：M1, M2, M3 and M4). Scripts belonging to the same sub-papers should be banded together and put back into the envelope after marking.

(b) The marking scheme must be **STRICTLY** adhered to in order to achieve a uniform standard of marking.

(c) The scores for individual questions should be put in the corresponding boxes in the "Marker's Use Only" column.

(d) Clarity in marking is important. Figures should be clearly written. Corrections should be made by crossing out the original and rewriting the correct one, e.g.： $\cancel{3}$ **2**

(e) Markers should go through every page of the script that needs to be marked since occasionally a student may skip some pages.

5. **Confidentiality of Marking Schemes**

Markers are reminded of the importance of keeping the Authority's marking schemes out of the hands of students who can be seriously misled by the format used for marking.

6. **Enquiry of Marking of Scripts**

Please contact the Marking Support Teams by phone.

Chinese: 1878 223
English: 1878 227
Mathematics: 1878 228

Office hours：$\begin{cases} \text{Mon – Fri：8:30a.m. – 12:30p.m. and 1:30p.m. – 5:00 p.m.} \\ \text{Sat ：8:30a.m. – 12 noon} \end{cases}$

7. **Work Schedule for Marking and Return of Scripts**

Marking of Scripts	Mathematics	7 July 2004 – 17July 2004
	Chinese & English	8 July 2004 – 17 July 2004
Return of Scripts	On or before 17 July 2004	

All the marked scripts should be returned to the School Coordinator. Markers should ensure the number of scripts returned tallies with the number indicated on the "Envelope for Worked Question Answer Booklets".

Education and Manpower Bureau   3ME1
Territory-wide System Assessment 2004
Primary 3 Mathematics
Marking Scheme (Revised Version)

Item	Answer	Marks	Remarks
1	963	1	
2	1069	1	
3	65	1	
4(a)	808	1	
4(b)	1220	1	
5	This is cheaper by 990−568 = $422	1 1* 1*	Accept other correct working 1 mark for answer 1 mark for literal expression / unit / presentation
6	4) 8 4 8 2 1 2	1	
7	The tour fee for the four of us was 130 × 4 = $520	1 1* 1*	Accept other correct working 1 mark for answer 1 mark for literal expression / unit / presentation
8	787	1	
9	65201	1	
10	210 ⋯ 2	1	
11	102	1	
12	386	1	
13	268	1	
14(a)	300	1	
14(b)	Altogether my mother spent 188 + 108 × 3 =188 + 324 = $512	1 1* 1*	Accept other correct working 1 mark for answer 1 mark for literal expression / unit / presentation
15	$\frac{11}{15}$, $\frac{7}{15}$, $\frac{4}{15}$	1	
16(a)	1600	1	
16(b)	1000 1	1 1	Marks given only when the previous answer is correct
17	MC item		No need for marking

18	45	1	Accept forty five
19	B，C，A	1	
20	50 dollars and 50 cents	1	
21	weight	1	
22	grapes，200	1	Marks given only when both answers are correct
23(a)	3 August / 3rd August 3 Aug / 3rd Aug	1	Marks not deducted for wrong spelling; accept other correct ways of writing dates
23(b)	31 August / 31st August 31 Aug / 31st Aug	1	Marks not deducted for wrong spelling; accept other correct ways of writing dates
23(c)	366	1	
24	A, E	1	Marks given only when both answers are correct Marks may be given for the names of the objects
25(a)	B, E	1	Marks given only when both answers are correct
25(b)	C, D	1	Marks given only when both answers are correct
26(a)	A, F	1	Marks given only when both answers are correct
26(b)	C, D	1	Marks given only when both answers are correct
26(c)	B, E	1	Marks given only when both answers are correct
27(a)	A	1	
27(b)	B, C	1	Marks given only when both answers are correct
28(a)		1	
28(b)	in front of	1	
28(c)		1	
29(a)	C	1	
29(b)	D, E	1	Marks given only when both answers are correct
29(c)	B	1	
30	Mary's classmates' favourite ice-cream	1	Accept any other appropriate title('favourite' and 'ice-cream' must be included in the title) Marks not deducted for wrong spelling
	Chocolate，Mango	1	Answers must be in the right order Marks not deducted for wrong spelling
31(a)	50-cent, 2-dollar	1	Answers may be in the any order Marks not deducted for wrong spelling

31(b)	The total value of the 5-dollar coins is 30 dollars. The total value of the 10-dollar coins is 50 dollars.	2	Accept any other correct working. Deduct 1mark for not giving literal expression or unit/ poor presentation
	No, the total value of the 5-dollar coins is not greater than that of the 10-dollar coins.	1	
31(c)	93	1	
32	4，3，7	1	Marks given only when all answers are correct

*   (1)   Marks may still be given for the correct answer even if the working is incorrect or no working is shown.

    (2)   No marks will be given for literal expression / unit / presentation if the working is incorrect or no working is shown.

    (3)   If the working is correct but the answer is wrong, marks may still be given for literal expression / unit / presentation.

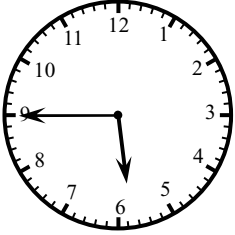| Item	Answer	Marks	Remarks
1	821	1	
2	476	1	
3	289	1	
4	91	1	
5	1407	1	
6	MC item		No need for marking
7(a)	Seventy thousand and eight	1	Marks not deducted for wrong spelling
7(b)	70800	1	
7(c)	Bobby, Charlie, Amy	1	Marks given only when 7(a) is correct Marks not deducted for wrong spelling
8	2620	1	
9	312	1	
10	92 ⋯ 5	1	
11	569	1	
12	600	1	
13	75	1	
14(a)	She still needed $38 \times 6 - 150$ $= 228 - 150$ $= \$78$	2 1* 1*	Accept any other correct working (e.g.,6×38−150 or 228-150) 1 mark for answer 1 mark for literal expression / unit / presentation
14(b)	The change should be $150 - 38 \times 3$ $= 150 - 114$ $= \$36$	2 1* 1*	Accept any other correct working (e.g.,150−3×38 or 150-114) 1 mark for answer 1 mark for literal expression / unit / presentation
15	$\frac{4}{6}$ or $\frac{2}{3}$	1	
16	Mimi，5	1	Marks given only when both answers are correct Marks not deducted for wrong spelling
17	MC item		No need for marking
18	MC item		No need for marking
19	66 4	1 1	Marks given only when the previous answer is correct; accept 65, 5 or 67, 3
20	5, 12	1	

21	5	1	
22(a)	February / 2 / Feb	1	
22(b)	365	1	
22(c)	21	1	
23(a)	10	1	
23(b)	10	1	
23(c)	50	1	
24	650g / 650 grams	2	Answer with wrong / no unit, deduct 1 mark
25	R	1	
26	circle, triangle, rectangle, trapezium	4	In any order, 1 mark for each answer Marks not deducted for wrong spelling Other acceptable answers: Trapezium: isosceles trapezium Triangle: scalene triangle
27	A straight line parallel to AB	1	
28	A, D	2	1 mark for each answer Deduct 1 mark for each wrong answer
29	MC item		No need for marking
30	MC item		No need for marking
31(a)	isosceles	1	Mark not deducted for wrong spelling
31(b)	right-angled	1	Mark not deducted for wrong spelling
32	south	1	Mark not deducted for wrong spelling
33(a)	Bus	1	Mark not deducted for wrong spelling
33(b)	4	1	
33(c)	20	1	
34(a)	3	1	
34(b)	24	1	

*   (1)   Marks may still be given for the correct answer even if the working is incorrect or no working is shown.

    (2)   No marks will be given for literal expression / unit / presentation if the working is incorrect or no working is shown.

    (3)   If the working is correct but the answer is wrong, marks may still be given for literal expression / unit / presentation.

Item	Answer	Marks	Remarks
1	MC item		No need for marking
2	thousands	1	Marks not deducted for wrong spelling
3	689	1	
4	103	1	
5	5663	1	
6	2	1	
7	87	1	
8	66 ⋯ 4	1	
9	360	1	
10(a)	890	1	
10(b)	1758	1	
11	120	1	
12	$153 \div 5$ $= 30 \cdots 3$	2	Accept any other correct working
	He can buy 30 cakes at most.	1* 1*	1 mark for answer 1 mark for literal expression / unit / presentation
	or		
	He can buy at most $153 \div 5$ $= 30(\text{cakes}) \cdots 3(\text{dollars})$	2 1* 1*	Accept any other correct working 1 mark for answer 1 mark for literal expression / unit / presentation
13	230	1	
14	835	1	
15	40	1	
16	$\dfrac{9}{9}$	1	
17	The change should be $900 - (650 + 170)$ $= 900 - 820$ $= \$80$	2 1* 1*	Accept other correct working(e.g.,900-820) 1 mark for answer 1 mark for literal expression / unit / presentation

18	$\dfrac{3}{8}$	1	
19(a)	m / metres	1	Marks not deducted for wrong spelling
19(b)	cm / centimetres	1	Marks not deducted for wrong spelling
19(c)	cm / centimetres	1	Marks not deducted for wrong spelling
19(d)	km / kilometres	1	Marks not deducted for wrong spelling
20	3 minutes and 20 seconds past 2	1	Accept 3 minutes and 20 seconds past 2 am / three minutes and twenty seconds past 2 pm etc.
21	4：24：06	1	Accept 04：24：06 or 04：24：6 or 4：24：6
22	2 hours 15 minutes	1	Accept two hours fifteen minutes
23		1	Marks given only when both hands are correct The hour hand has to be drawn between 5 and 6
24(a)	Q，R，P	1	Answer must be in the right order Marks given only when all the answers are correct
24(b)	2	1	
25(a)	150 dollars and 40 cents	1	
25(b)	Coins: 4 dollars and 60 cents	1	
26(a)	kg / kilograms	1	Marks not deducted for wrong spelling
26(b)	g / grams	1	Marks not deducted for wrong spelling
26(c)	kg / kilograms	1	Marks not deducted for wrong spelling
27	An angle that is smaller than a right angle	1	
28	Hop Street	1	Marks not deducted for wrong spelling
29	parallelogram	1	Marks given only when the diagram is correct
30	A, C	2	1 mark for each answer Deduct 1 mark for each wrong answer
31	C, D	2	1 mark for each answer Deduct 1 mark for each wrong answer
32(a)	An isosceles triangle	1	No need to draw along the dots
32(b)	A right-angled triangle	1	No need to draw along the dots
33(a)	south / S	1	Marks not deducted for wrong spelling
33(b)	north / N，west / W	1	Marks given only when both answers are correct Marks not deducted for wrong spelling

33(c)	east / E	1	Marks not deducted for wrong spelling
34(a)	cylinder	1	Marks not deducted for wrong spelling
34(b)	sphere	1	Marks not deducted for wrong spelling Accept ball
34(c)	cone	1	Marks not deducted for wrong spelling
34(d)	prism	1	Marks not deducted for wrong spelling Accept hexagonal prism
35	5，3，4，8	1	Marks given only when all answers are correct
36(a)	2	1	
36(b)	melodeon, flute	1	Marks given only when both answers are correct Answers can be in any order
36(c)	6	1	
36(d)	11	1	

* (1) Marks may still be given for the correct answer even if the working is incorrect or no working is shown.
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Education and Manpower Bureau 3ME4
Territory-wide System Assessment 2004
Primary 3 Mathematics
Marking Scheme (Revised Version)

Item	Answer	Marks	Remarks
1	963	1	
2	1069	1	
3	65	1	
4(a)	808	1	
4(b)	1220	1	
5	This is cheaper by 990-568 = \$422	1 1* 1*	Accept other correct working 1 mark for answer 1 mark for literal expression / unit / presentation
6	4$\overline{)848}$ 2 1 2	1	
7	The tour fee for the four of us was 130 × 4 = \$520	1 1* 1*	Accept other correct working 1 mark for answer 1 mark for literal expression / unit / presentation
8	787	1	
9	65201	1	
10	210 ⋯ 2	1	
11	102	1	
12	386	1	
13	268	1	
14(a)	She still needed 38 × 6 − 150 = 228 − 150 = \$78	2 1* 1*	Accept any other correct working (e.g.,6×38−150 or 228-150) 1 mark for answer 1 mark for literal expression / unit / presentation
14(b)	The change should be 150 − 38 × 3 = 150 − 114 = \$36	2 1* 1*	Accept any other correct working (e.g.,150−3×38 or 150-114) 1 mark for answer 1 mark for literal expression / unit / presentation
15	$\frac{4}{6}$ or $\frac{2}{3}$	1	
16	Mimi，5	1	Marks given only when both answers are correct

			Marks not deducted for wrong spelling
17	MC item		No need for marking
18	MC item		No need for marking
19	66	1	
	4	1	Marks given only when the previous answer is correct; accept 65, 5 or 67, 3
20	5, 12	1	
21	5	1	
22(a)	February / 2 / Feb	1	
22(b)	365	1	
22(c)	21	1	
23(a)	10	1	
23(b)	10	1	
23(c)	50	1	
24	650g / 650 grams	2	Answer with wrong / no unit, deduct 1 mark
25(a)	kg / kilograms	1	Marks not deducted for wrong spelling
25(b)	g / grams	1	Marks not deducted for wrong spelling
25(c)	kg / kilograms	1	Marks not deducted for wrong spelling
26	An angle that is smaller than a right angle	1	
27	Hop Street	1	Marks not deducted for wrong spelling
28	parallelogram	1	Marks given only when the diagram is correct
29	A, C	2	1 mark for each answer Deduct 1 mark for each wrong answer
30	C, D	2	1 mark for each answer Deduct 1 mark for each wrong answer
31(a)	An isosceles triangle	1	No need to draw along the dots
31(b)	A right-angled triangle	1	No need to draw along the dots
32(a)	south / S	1	Marks not deducted for wrong spelling
32(b)	north / N，west / W	1	Marks given only when both answers are correct Marks not deducted for wrong spelling
32(c)	east / E	1	Marks not deducted for wrong spelling
33(a)	cylinder	1	Marks not deducted for wrong spelling
33(b)	sphere	1	Marks not deducted for wrong spelling Accept ball
33(c)	cone	1	Marks not deducted for wrong spelling
33(d)	prism	1	Marks not deducted for wrong spelling Accept hexagonal prism
34	5，3，4，8	1	Marks given only when all answers are correct
35(a)	2	1	

35(b)	melodeon, flute	1	Marks given only when both answers are correct Answers can be in any order
35(c)	6	1	
35(d)	11	1	

* (1) Marks may still be given for the correct answer even if the working is incorrect or no working is shown.
  (2) No marks will be given for literal expression / unit / presentation if the working is incorrect or no working is shown.
  (3) If the working is correct but the answer is wrong, marks may still be given for literal expression / unit / presentation.

*Notes and Examples

(1) Marks may still be given for the correct answer even if the working is incorrect or no working is shown.
(2) No marks will be given for literal expression / unit / presentation if the working is incorrect or no working is shown.
(3) If the working is correct but the answer is wrong, marks may still be given for literal expression / unit / presentation.

14b/ M1		
Altogether my mother spent $108 \times 3 - 188$ $= \$512$	0 1 0	Incorrect working Correct answer Incorrect working, no marks for literal expression

14b/M1		
$\begin{array}{r} 108 \\ \times \quad 3 \\ \hline 324 \end{array}$ $\begin{array}{r} 188 \\ + \quad 324 \\ \hline 512 \end{array}$ Altogether my mother spent $512	0 1 0	No working Correct answer Incorrect working, no marks for literal expression

14b/ M1		
$108 \times 3 + 188$ $= 728$ Altogether my mother spent \$728	1 0 1	Correct working Incorrect answer Correct working, marks may still be given for literal expression