

Education Bureau
Territory-wide System Assessment 2010
Primary 6 Mathematics
Marking Scheme

Item No.	Answers	Mark	Remarks
1	ten thousands	1	Do not accept wrong spelling
2	C	1	
3	1, 3, 9, 27, 81	1	Must be all correct
4(a)	5	1	
4(b)	45	1	
5(a)	24, 48	1	Must be all correct
5(b)	24	1	
6	A, B, D	1	Must be all correct
7(a)	$\frac{24}{13}$	1	
7(b)	$5\frac{1}{2}$	1	
8	$\frac{9}{7}$	1	
9	2.6	1	
10	3	1	
11	$\frac{7}{20}$	1	
12	0.53	1	
13	92	1	
14	$1\frac{1}{3}$	1	
15	56	1	
16	C	1	
17(a)	60	1	
17(b)	$3\frac{1}{3} \div \frac{2}{3}$ $= 5$ $\therefore 5$ bags were packed.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
18	0.13	1	
19	94, 50 respectively	1	Must be all correct
20	C	1	

Item No.	Answers	Mark	Remarks
21	B	1	
22(a)	45	1	
22(b)	$2\frac{9}{25}$	1	
23	$\frac{320}{400} \times 100\%$ $= 80\%$ \therefore The capacity of soup A is 80% of the capacity of soup B.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
24	15, 3 respectively and circle 'afternoon'	1	Must be all correct
25(a)	25, 26, 27, 28, 29, 30, 31 respectively	1	Must be all correct
25(b)	27, June / Jun respectively	1	Must be all correct
25(c)	3, July / Jul respectively	1	Must be all correct
26(a)	km / kilometre	1	Do not accept wrong spelling
26(b)	kg / kilogram	1	Do not accept wrong spelling
26(c)	mL / ml / millilitre	1	Do not accept wrong spelling
27	D	1	
28	3	1	
29	22.5	1	
30	Acceptable range: 18 cm^2 to 22 cm^2	1	
31	22	1	
32	km / h OR kilometre per hour	1	
33	7425	1	
34(a)	A, B, H	1	Must be all correct
34(b)	C, G	1	Must be all correct
35	A	1	
36(a)	W	1	
36(b)	Circle 'TW', 'PW'	1	Must be all correct

Item No.	Answers	Mark	Remarks
37(a)	Toilet, south-east / SE respectively	1	Must be all correct
37(b)(1)	Path A: ⁺ north-west / NW, Picnic Zone respectively OR Path B: ⁺ south-west / SW, Woodland respectively	1	Must be all correct ⁺ Do not accept wrong spelling
37(b)(2)	Path A: south-west / SW OR Path B: north-west / NW	1	Do not accept wrong spelling
38	80N	1	
39	$\frac{1}{50}$ / 0.02	1	
40	80	1	
41	Let Jack's pocket money be \$ x . $\frac{2}{5}x - 80 = 10$ $\frac{2}{5}x = 90$ $x = 225$ \therefore Jack's pocket money is \$225.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
42(a)	50, 40, 20, 20 respectively	1	Must be all correct
42(b)	(1) Title: The Medal Record of a Joint-school Sports Event (2) Draw a pictogram with 5, 4, 2 and 2 pictures respectively according to the rounded data.	1 1	Other suitable titles are also acceptable, but must include "Medal Record" and "Joint-school Sports Event" Holistic marking, must be all correct. Identical pictures must be drawn at appropriate positions.
43(a)	3, 5	1	Must be all correct
43(b)	24 000	1	
43(c)	50	1	
44(a)	33	1	
44(b)	31	1	
44(c)	32.2	1	

Remarks:

- * Answer Mark: (1) Just the correct answer without showing mathematical expression(s)/equation(s): award the answer mark.
(2) Mathematical expression(s)/equation(s) incorrect: do not award the answer mark.
(3) Poor presentation in the mathematical expression(s)/equation(s) or working but correct answer given: award the answer mark.
- ** Presentation Mark: (1) Mathematical expression(s)/equation(s) correct but wrong answer given: award the presentation mark as appropriate.
(2) Mathematical expression(s)/equation(s) incorrect: do not award the presentation mark.
(3) Presentation mark includes holistic assessment of mathematical expression(s)/equation(s), units (missing or wrong units), explanation, statement/conclusion and use of symbols, etc.