

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

Item No.	Answers	Mark	Remarks
1	A	1	
2	36, 72	1	Must be all correct
3	B	1	
4(a)	1, 2, 7, 14	1	Must be all correct
4(b)	14	1	
5	20 060	1	
6	C	1	
7	$3\frac{3}{4}$	1	
8	D	1	
9	0.44	1	
10	3696	1	
11	30	1	
12	$7\frac{27}{40}$	1	
13	A	1	
14	$1.5 / 1\frac{1}{2}$	1	
15	58.48	1	
16(a)	$6\frac{1}{9}$	1	
16(b)	80	1	
17	$50 \times 3 \times \frac{1}{2}$ $= 75$ \therefore They should pay \$75 altogether.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
18	$\frac{1}{3}$	1	
19	139.80 / 139.8	1	
20	C	1	
21	120	1	
22(a)	1.98	1	
22(b)	0.1	1	

Item No.	Answers	Mark	Remarks
23	$\frac{320}{400} \times 100\%$ $= 80\%$ <p>\therefore The capacity of soup A is 80% of the capacity of soup B.</p>	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
24(a)	A straight line joining the centre and the circumference	1	
24(b)	Acceptable range: 18-22	1	
25(a)	km / kilometre	1	Do not accept wrong spelling
25(b)	kg / kilogram	1	Do not accept wrong spelling
25(c)	mL / ml / millilitre	1	Do not accept wrong spelling
26	20	1	
27	B	1	
28(a)	24	1	
28(b)	48	1	
28(c)	72	1	
29(a)	64	1	
29(b)	24	1	
30(a)	24	1	
30(b)	12	1	
31(a)	64 cm ³	1	
31(b)	1	1	
32	14.07	1	
33(1)	Circle 'pyramid'	1	
33(2)	5	1	
33(3)	8	1	
34(a)	W	1	
34(b)	Circle 'TW', 'PW'	1	Must be all correct
35(a)	west / W, south-east / SE respectively	1	Must be all correct, do not accept wrong spelling
35(b)	north-west / NW	1	Do not accept wrong spelling

Item No.	Answers	Mark	Remarks
36	A	1	
37	80N	1	
38	B, E	1	Must be all correct
39	2	1	
40	3.2	1	
41	<p>Let the number be x.</p> $12x + 3 = 75$ $12x = 72$ $x = 6$ <p>\therefore The number is 6.</p>	<p>1</p> <p>1*</p> <p>1**</p>	<p>Method Mark: other correct methods are also acceptable</p> <p>Answer Mark (* please see remarks below)</p> <p>Presentation Mark (** please see remarks below)</p>
42(a)	fish ball, 700 respectively	1	Must be all correct
42(b)	<p>Circle ‘not suitable’.</p> <p>‘there will be too many pictures’</p> <p>OR</p> <p>‘the pictogram will not be easy to read’</p> <p>OR</p> <p>‘the pictogram will be too large to draw’</p>	<p>1</p> <p>1</p>	Accept any other reasonable answers
43	<p>(1) Title: The Quantities of Organic Vegetables Consumed by Healthy Restaurant Last Week</p> <p>(2) 10, 20, 30, 40, 50, 60, 70, 80 respectively</p> <p>(3) Construct bar chart: the heights of the bars must correspond to the data given in the table (48, 38, 72, 66)</p>	<p>1</p> <p>1</p> <p>1</p>	<p>Other suitable titles are also acceptable, but must include “Quantities of Organic Vegetables” and “Healthy Restaurant Last Week”</p> <p>Must be all correct</p> <p>Holistic marking, must be all correct. All the bars must be of the same width, evenly spaced out and drawn at the appropriate positions on the horizontal axis.</p>
44	10	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.