

**Education Bureau**  
**Territory-wide System Assessment 2012** ♦  
**Primary 6 Mathematics**  
**Marking Scheme**

Item No.	BC Code	Answers	Mark	Remarks
1	KS2-N1-1	A	1	
2	KS2-N2-1	D	1	
3	KS2-N2-2	1, 2, 31, 62	1	Must be all correct
4(a)	KS2-N3-2	1	1	
4(b)	KS2-N3-2	16	1	
5(a)	KS2-N2-4	18, 36	1	Must be all correct
5(b)	KS2-N2-5	18	1	
6	KS2-N3-1	$\frac{3}{4}$	1	
7(a)	KS2-N3-3	$\frac{25}{7}$	1	
7(b)	KS2-N3-3	$6\frac{1}{6}$	1	
8	KS2-N3-5	Circle '4 $\frac{3}{4}$ ',	1	
9	KS2-N4-2	hundredths	1	Do not accept wrong spelling
10	KS2-N5-1	590	1	
11	KS2-N5-1	3 150	1	
12	KS2-N4-2	D	1	
13	KS2-N5-1	$\frac{17}{18}$	1	
14	KS2-N5-1	A	1	
15	KS2-N5-2	60.62	1	
16	KS2-N5-2	1.6	1	
17	KS2-N5-3	5	1	
18	KS2-N5-3	He pays: $6 \times 1\frac{3}{5} \times 2\frac{1}{2}$ = 24	1  1*  1**	Method Mark: other correct methods are also acceptable  Answer Mark (*please see remarks below) Presentation Mark (**please see remarks below)

♦ The 2012 P6 TSA has been suspended. Participation in the 2012 P6 TSA was on a voluntary basis and not all P6 students participated.

Item No.	BC Code	Answers	Mark	Remarks
19(a)	KS2-N5-5	20	1	
19(b)	KS2-N5-5	Circle ‘Two hotdogs’	1	
20	KS2-N5-6	B	1	
21	KS2-N6-1	25	1	
22	KS2-N6-4	<p>His salary this months is:</p> $8400 \times (1 + 5\%)$ $= 8400 \times \frac{105}{100}$ $= \$8820$	<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>
23(a)	KS2-M5-3	1 000	1	
23(b)	KS2-M5-3	0.95	1	
23(c)	KS2-M5-3	Circle ‘larger than’	1	
24(a)	KS2-M2-1	13 <sup>th</sup> , February respectively	1	Must be all correct
24(b)	KS2-M2-1	2 <sup>nd</sup> , March respectively	1	Must be all correct
24(c)	KS2-M2-1	Circle ‘leap year’	1	
25(a)	KS2-M4-5	gram / g	1	Do not accept wrong spelling
25(b)	KS2-M3-7	millimetre / mm	1	Do not accept wrong spelling
25(c)	KS2-M5-5	litre / L / l	1	Do not accept wrong spelling
26	KS2-M4-4	C	1	
27(a)	KS2-M6-2	8	1	
27(b)	KS2-M7-3	336	1	
28	KS2-M7-2	17 / 18	1	
29	KS2-M7-3	242	1	
30(1)	KS2-S1-1	Circle ‘prism’	1	
30(2)	KS2-S1-1	5, 9 respectively	1	Must be all correct
31	KS2-S1-1	C	1	
32(a)	KS2-S2-1	A, C	1	Must be all correct
32(b)(1)	KS2-S2-1	B, D	1	Must be all correct
32(b)(2)	KS2-S2-1	Trapezium	1	Do not accept wrong spelling
33	KS2-S2-1	B	1	
34(a)	KS2-S2-1	parallelogram	1	Do not accept wrong spelling
34(b)	KS2-S2-1	trapezium	1	Do not accept wrong spelling
34(c)	KS2-S2-1	right-angled	1	Do not accept wrong spelling

Item No.	BC Code	Answers	Mark	Remarks
35(a)	KS2-S2-1	centre	1	Do not accept wrong spelling
35(b)	KS2-S2-1	Circle 'AB', 'AD'	1	Must be all correct
36(a)	KS2-S5-1	Flamingo Island	1	
36(b)	KS2-S5-1	north-east / NE, north-west / NW respectively	1	Do not accept wrong spelling
37	KS2-A2-2	21	1	
38	KS2-A2-1	A	1	
39	KS2-A2-2	$\frac{1}{8}$	1	
40	KS2-A2-3	<p>Let the cost of each adult ticket be \$x.</p> $4x + 104 = 888$ $4x = 784$ $x = 196$ <p>∴ The cost of each adult ticket is \$196.</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>
41(a)	KS2-D1-3	29000	1	
41(b)	KS2-D1-3	prawn	1	
41(c)	KS2-D1-3	50	1	
42	KS2-D2-2	<p>(1) Title: The sales of electronic products last week</p> <p>(2) 0 , 100 , 200 , 300 , 400 , 500 , 600</p> <p>(3) Construct a bar chart: the heights of the bars (520, 340, 210, 160) must correspond to the scale of the vertical axis</p>	<p>1</p> <p>1</p> <p>1</p>	<p>Other suitable titles are also acceptable, but must include "sales", "electronic products" and "last week"</p> <p>All scales must be correct</p> <p>Holistic marking</p> <p>All pictures must be correctly drawn at appropriate positions</p>
43	KS2-D3-1	9	1	

- \* 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.