

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

Item No.	BC Code	Answers	Mark	Remarks
1	KS2-N1-2	2 930, 3 092, 3 209 respectively	1	Must be all correct
2	KS2-N2-3	A	1	
3	KS2-N3-1	B, E	1	Must be all correct
4	KS2-N4-1	3.4	1	
5	KS2-N4-3	3.85	1	
6	KS2-N5-1	90	1	
7	KS2-N5-1	1 344	1	
8	KS2-N5-1	22, 9 respectively	1	Must be all correct
9	KS2-N5-1	$1\frac{11}{16}$	1	
10	KS2-N5-2	3.43	1	
11	KS2-N5-2	30.15	1	
12	KS2-N5-3	10	1	
13	KS2-N5-3	450	1	
14	KS2-N5-4	0.14	1	
15	KS2-N5-4	132	1	
16(a)	KS2-M2-2	19, circle 'past', 8, circle 'morning' respectively	1	Must be all correct
16(b)	KS2-M2-3	3, 11 respectively	1	Must be all correct
17	KS2-N5-4	$(3.6 + 5.2) \div 0.4$ $= 22$ $\therefore 22$ bottles can be filled.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (*please see remarks below) Presentation Mark (**please see remarks below)
18	KS2-N5-6	A	1	
19(a)	KS2-N5-5	20	1	
19(b)	KS2-N5-5	Circle 'Two hotdogs'	1	
20(a)	KS2-N5-5	37.5 / $37\frac{1}{2}$	1	
20(b)	KS2-N6-2	$1\frac{12}{25}$	1	
21	KS2-N6-1	50	1	

♦ 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
22	KS2-N6-4	His salary this month is: $8400 \times (1 + 5\%)$ $= 8400 \times \frac{105}{100}$ $= \$ 8\,820$	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (*please see remark below) Presentation Mark (**please see remarks below)
23(a)	KS2-M2-2	14, 8 respectively	1	Must be all correct
23(b)	KS2-M2-4	08 , 06 respectively	1	Must be all correct
24(a)	KS2-S2-1	PR	1	
24(b)	KS2-M3-3	Acceptable range: 2.4 - 2.6	1	
25(a)	KS2-M4-5	gram / g	1	Do not accept wrong spelling
25(b)	KS2-M3-7	metre / m	1	Do not accept wrong spelling
25(c)	KS2-M5-5	millilitre / mL / ml	1	Do not accept wrong spelling
26	KS2-M6-1	C	1	
27(a)	KS2-M6-2	96	1	
27(b)	KS2-M6-1	120	1	
28	KS2-M6-2	B	1	
29(a)	KS2-M6-4	42	1	
29(b)	KS2-M9-2	2.2	1	
30	KS2-M7-3	The area of the shaded triangle is : $\frac{8 \times 2.6}{2}$ $= 10.4 \text{ cm}^2$	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (*please see remarks below) Presentation Mark (**please see remarks below)
31	KS2-M8-2	2 070	1	
32(1)	KS2-S1-1	Circle 'prism'	1	Must be all correct
32(2)	KS2-S1-1	5, 9 respectively	1	Must be all correct
33(a)	KS2-S2-1	A, C	1	Must be all correct
33(b)(1)	KS2-S2-1	B, D	1	Must be all correct
33(b)(2)	KS2-S2-1	Trapezium	1	
34	KS2-S1-1	C	1	
35	KS2-D3-1	9	1	
36(a)	KS2-S2-2	D	1	
36(b)	KS2-S2-2	B	1	

Item No.	BC Code	Answers	Mark	Remarks
37(a)	KS2-S5-1	north-west / NW	1	Do not accept wrong spelling
37(b)	KS2-S5-1	south-east / SE	1	Do not accept wrong spelling
37(c)	KS2-S5-1	Playground, ⁺ north / N	1	Must be all correct, + do not accept wrong spelling
38	KS2-A2-1	B, E	1	Must be all correct
39	KS2-A2-2	8	1	
40	KS2-A2-2	7	1	
41	KS2-A1-1	$38 - k$	1	Must be all correct
42(a)	KS2-D1-1	August, 900 respectively	1	Must be all correct
42(b)	KS2-D1-1	4	1	
42(c)	KS2-D1-1	$\frac{1}{7}$	1	
43	KS2-D2-2	(1) Title: The sales of electronic products last week	1	Other suitable titles are also acceptable, but must include “sales”, “electronic products” and “last week”
		(2) 0 , 100 , 200 , 300 , 400 , 500 , 600	1	All scales must be correct
		(3) Construct a bar chart: the heights of the bars (520, 340, 210, 160) must correspond to the scale of the vertical axis	1	Holistic marking, must be all correct All the bars must be of the same width and drawn at appropriate positions on the horizontal axis
44	KS2-A2-3	Let the original number of biscuits be x . $\frac{x}{3} - 6 = 14$	1	Method Mark: other correct methods are also acceptable
		$\frac{x}{3} = 20$ $x = 60$	1*	Answer Mark (*please see remarks below)
		∴ The original number of biscuits is 60.	1**	Presentation Mark (**please see remarks below)

- * 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.