

**Education Bureau**  
**Territory-wide System Assessment 2008**  
**Primary 6 Mathematics**  
**Marking Scheme**

Item No.	Answers	Mark	Remarks
1	C	1	
2	1, 2, 4, 8	1	Must be all correct
3	28	1	
4(a)	=	1	
4(b)	<	1	
5	23 085	1	
6	70	1	
7	4.43	1	
8	$2\frac{5}{18}$	1	
9	$\frac{1}{2}$	1	
10	25.71	1	
11	28	1	
12	<p>James saves every week</p> $\$128 \times (1 - \frac{4}{5})$ $= \$25\frac{3}{5} \text{ / } \$25.6$ <p>or</p> <p>James spends every week</p> $\$128 \times \frac{4}{5} = \$102\frac{2}{5}$ <p>James saves every week</p> $= \$128 - \$102\frac{2}{5}$ $= \$25\frac{3}{5}$	<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>
13	15	1	
14	B	1	
15(a)	16.50 / 16.5	1	

Item No.	Answers	Mark	Remarks
15(b)	Set A is cheaper by  Answer in part (a) + \$6.8 – \$20  = \$3.3  or  Set A is cheaper by \$9.5 + \$6.8 + \$7 – \$20 = \$3.3	1  1*  1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
16	102	1	
17(a)	87.5	1	Accept $87\frac{1}{2}$
17(b)	$1\frac{6}{25}$	1	Do not accept $1\frac{24}{100}$
18(a)	1.53	1	
18(b)	42.5	1	
19	119.00 / 119	1	
20	B	1	
21(a)	kg / kilogram	1	
21(b)	mL / millilitre	1	
21(c)	g / gram	1	
21(d)	km / kilometre	1	
21(e)	mm / millimetre	1	
22	A	1	
23(a)	$\frac{3}{8}$ / 0.375 litre/L/l or 375 millimetre/mL/ml	1	Both numerical value and unit must be correct
23(b)	Circle B	1	
24(a)	4	1	
24(b)	18	1	
25	7	1	
26	1	1	
27	27	1	
28	The area of shaded part  $\frac{(5+9) \times 3}{2} - 1 \times 3$  = 18 cm <sup>2</sup>	1  1*  1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)

Item No.	Answers	Mark	Remarks
29	D	1	
30	6	1	
31	125	1	
32(1)	Circle prism	1	
32(2)	7, 10 respectively	1	Must be all correct
33	B	1	
34(a)	E, H	1	Must be all correct, order of the answers is not important
34(b)	Circle “one pair”, trapeziums / trapezia	1	Must be all correct
35	B, C, A respectively	1	Must be all correct
36(a)	D, H	1	Must be all correct, order of the answers is not important
36(b)	G	1	
36(c)	C	1	
37	$x - 3$	1	
38	A, D	1	Must be all correct, order of the answers is not important
39	42	1	
40	<p>Let <math>x</math> be the number of candies in the bag originally.</p> $\frac{3}{5}x - 4 = 41$ $\frac{3}{5}x = 45$ $x = 75$ <p>The number of candies in the bag is 75 originally.</p>	<p>1</p> <p>1 *</p> <p>1 **</p>	<p>Must be solved by the method of solving equation, i.e. the “Principle of Equivalence” has been used.</p> <p>Method Mark: equivalent equations are also acceptable, e.g. <math>\frac{3}{5}x = 41 + 4</math></p> <p>Answer Mark (* please see remarks below)</p> <p>Presentation Mark (** please see remarks below)</p> <p>If <math>x = (41 + 4) \div \frac{3}{5} = 75</math> or <math>x = 45</math>,</p> <p>Award 1 mark as the Answer Mark</p> <p>If the original number of candies is <math>(41 + 4) \div \frac{3}{5} = 75</math></p> <p>or the number of candies is 75 originally, award no mark at all</p>

Item No.	Answers	Mark	Remarks
41(a)	60, 30, 40, 20 respectively	1	Must be all correct
41(b)(1)	Title: The favourite ice-cream flavour of students	1	Other suitable titles are also acceptable, but must include the wordings “students’ favorite” and “ice-cream flavor”
41(b)(2)	Construct pictogram: Draw 6, 3, 4 and 2 pictures respectively	1	Holistic marking, must be all correct; pictures drawn must be the same as that given in the question and placed at the appropriate position on the horizontal axis
42(1)	Complete bar chart: draw bars of heights 70, 30, 60 respectively	1	Holistic marking, must be all correct, the width of all the bars must be the same and drawn at the appropriate positions on the horizontal axis
42(2)	Fill in the boxes with the correct events: from left to right 100 m, High Jump, Long Jump respectively	1	Holistic marking, must be all correct
43(a)	January, 22 000 respectively	1	Must be all correct, do not accept wrong spelling
43(b)	90 000	1	
43(c)	60	1	
44	44	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) is/are incorrect, do not award the answer mark.  
 (3) Poor presentation in the mathematical expression(s)/equation(s) or workings but correct answer given, award the answer mark.

- \*\* Presentation Mark: (1) Mathematical expression(s)/equation(s) is/are correct but wrong answer given, award the presentation mark.  
 (2) Mathematical expression(s)/equation(s) is/are 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.