

Education and Manpower Bureau
Territory-wide System Assessment 2006
Primary 6 Mathematics
Marking Scheme

Item No.	Answers	Mark	Remarks
1	2380	1	
2	11	1	
3	$\frac{5}{6}$, $\frac{3}{5}$, $\frac{1}{4}$ respectively	1	Must be all correct
4	$1\frac{5}{7}$	1	$1.\dot{7}1428\dot{5}$ is also acceptable
5	$3\frac{1}{4}$	1	3.25 is also acceptable
6	50	1	
7	1.95	1	$1\frac{19}{20}$ is also acceptable
8	A	1	
9	9	1	
10	B	1	
11	Circle the numbers 1, 3, 9, 15, 45	1	Must be all correct, holistic marking
12	2.2	1	
13	0.54	1	
14(a)	hundredths	1	Do not accept wrong spelling
14(b)	$0.003/\frac{3}{1000}$ /three thousandths	1	
15(a)	1.85	1	
15(b)	38	1	
16	74	1	
17	558	1	558.00 or 558.0 is also acceptable
18	51.2	1	$51\frac{1}{5}$ is also acceptable
19	3, 70 respectively	1	Must be all correct
20	8	1	
21(a)	millilitres/mL/ <i>ml</i>	1	Do not accept wrong spelling
21(b)	litres/L/ <i>l</i>	1	Do not accept wrong spelling
21(c)	millilitres/mL/ <i>ml</i>	1	Do not accept wrong spelling
22	B	1	

Item No.	Answers	Mark	Remarks
23(a)	160.20	1	160.2 is also acceptable
23(b)	<p>They would have saved altogether $160.20 - 66.70 \times 2$ $= \\$26.80$</p> <p>or They would have saved altogether $(80.10 - 66.70) \times 2$ $= \\$ 26.80$</p> <p>or They would have saved altogether $80.10 \times 2 - 66.70 \times 2$ $= \\$ 26.80$</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), \$26.8 is also acceptable</p> <p>Presentation Mark (** please see remarks below)</p>
24(a)	36	1	
24(b)	168	1	
25	<p>Percentage of the extra offer is $\frac{70}{280} \times 100\%$ $= 25\%$</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>
26(a)	30	1	
26(b)	A , D	1	Must be all correct, order of arrangement is not important
27	15	1	
28	<p>1st answer: 8000</p> <p>2nd answer: Follow through the 1st answer, i.e. x millilitres/mL/ ml or $\frac{x}{1000}$ litres/L/l, where x is the 1st answer</p>	<p>1</p> <p>1</p>	Do not accept wrong spelling; if pupils had not given the 1 st answer, then the 2 nd answer must be 8000 millilitres/mL/ml or 8 litres/L/l
29(a)	50	1	
29(b)	100	1	
30	D	1	
31	15	1	

Item No.	Answers	Mark	Remarks
32(a)	A	1	
32(b)	D	1	
32(c)	E	1	
33	O	1	
34(a)	cylinder/prism on a circular base	1	Do not accept wrong spelling
34(b)	triangular prism/prism on a triangular base/3-sided prism	1	Do not accept wrong spelling
34(c)	hexagonal pyramid/pyramid on a hexagonal base/6-sided pyramid	1	Do not accept wrong spelling
34(d)	cone/pyramid on a circular base	1	Do not accept wrong spelling
35	Ball-pen	1	
36	7	1	
37(a)	north/North/N , south-west/South-West/southwest/Southwest/SW respectively	1	Must be all correct, do not accept wrong spelling
37(b)	north-east/North-East/northeast/Northeast/NE , south/South/S respectively	1	Must be all correct, do not accept wrong spelling
38	Draw an isosceles triangle	1	Holistic marking (the vertices of the isosceles triangle must be at the points given in the figure)
39	C	1	
40(a)	Fir/fir , 350 respectively	1	Must be all correct
40(b)	6	1	
40(c)	1000	1	
40(d)	40	1	
41(a)	240 000	1	240 000.00/240 000.0 is also acceptable
41(b)	Games Day , Donation of Pocket Money	1	Must be all correct; order of arrangement is not important
41(c)	Games Day , Ball Games (order of arrangement is not important), because the two activities could raise more funds	1	Holistic marking, must be all correct; other reasonable explanations are also acceptable, but have to point out that more funds could be raised

Item No.	Answers	Mark	Remarks
42	<p>Let the price of Tom's first video game be \$y.</p> $4y = 880$ $y = 220$ <p>The price of Tom's first video game is \$220. (Optional if the unknown is properly introduced, but have to take note of the unit of the answer.)</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. Method Mark: other acceptable equations are $880 = 4y$, $4 \times y = 880$, etc.</p> <p>Answer Mark (* please see remarks below)</p> <p>Presentation Mark (** please see remarks below)</p>

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, explanation, statement/conclusion and use of symbols (e.g. the equal sign), etc.