

Education and Manpower Bureau
Territory-wide System Assessment 2005
Primary 6 Mathematics
Marking Scheme

Question No.	Answers	Marks	Remarks
1	3.35	1	$3\frac{7}{20}$ is also acceptable
2	6	1	
3	14	1	
4	$\frac{5}{12}$, $\frac{13}{20}$, $\frac{4}{5}$ respectively	1	Must be all correct
5	$11\frac{1}{8}$	1	11.125 is also acceptable
6	$\frac{47}{7}$, $6\frac{5}{7}$	1	Must be all correct, order of arrangement is not important
7	44	1	
8	Tens	1	10 is also acceptable
9	$\frac{3}{25}$	1	
10	1, 2, 3, 6	1	Must be all correct, order of arrangement is not important
11	8910	1	8910.00 / 8910.0 is also acceptable
12	21, 42, 63	1	Must be all correct, order of arrangement is not important
13	45	1	
14	$10 \div 0.6$ OR $100 \div 6$ $= 16\ldots 0.4$ $= 16\ldots 4$ $(= 16 \text{ R } 0.4)$ $(= 16 \text{ R } 4)$ My sister can at most buy 16 eggs, and \$0.40/40¢ is left. OR To buy 15 eggs, \$9.00 is needed To buy 16 eggs, \$9.60 is needed To buy 17 eggs, \$10.20 is needed \therefore my sister can at most buy 16 eggs, and \$0.40/40¢ is left.	1 1* 1**	Method mark: other correct methods are also acceptable Answer mark (*please see remarks below) Presentation mark (**please see remarks below)
15(a)	60	1	60% is also acceptable
15(b)	40	1	40% is also acceptable
16	648	1	648.00 / 648.0 is also acceptable

Question No.	Answers	Marks	Remarks
17	<p>The amount of time my sister would have used less is</p> $2 - 2 \times \frac{3}{4} \text{ OR } 2 \times (1 - \frac{3}{4})$ $= \frac{1}{2} / 0.5 \text{ (h)}$ <p>OR</p> $2 - 2 \times \frac{3}{4} = \frac{1}{2} / 0.5$ <p>My sister would have used $\frac{1}{2} / 0.5$ hour less.</p> <p>OR</p> <p>The time taken by my sister to type is</p> $2 \times \frac{3}{4} = 1\frac{1}{2} / 1.5 \text{ (h)}$ <p>The amount of time my sister would have used less is</p> $2 - 1\frac{1}{2} = \frac{1}{2} / 0.5 \text{ (h)}$	<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>
18	14	1	
19(a)	126	1	126.00/126.0 is also acceptable
19(b)	<p>The amount she saved is</p> $800 \times (1 - 70\%)$ $= \$240 / 240 \text{ dollars}$ <p>OR</p> $800 \times (1 - 70\%) = 240$ <p>The amount she saved is \$240 / 240 dollars.</p> <p>OR</p> <p>The discounted price of the rice cooker is</p> $800 \times 70\% = \$560$ <p>The amount she saved is</p> $800 - 560 = \$240 / 240 \text{ dollars}$	<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>Other acceptable answer: \$240.00/240.0 or 240.00/240.0 dollars</p> <p>Presentation mark (**please see remarks below)</p>
20	36 , 81 respectively	2	1 mark for each correct answer, each answer is marked independently of each other
21	687 , 90 respectively	1	Must be all correct
22	0.9	1	$\frac{9}{10}$ is also acceptable

Question No.	Answers	Marks	Remarks
23	30 minutes (min) / half , 3 , afternoon respectively	1	Must be all correct
24(a)	grams / g	1	
24(b)	metres / m	1	
24(c)	litres / L / l	1	
25	Q , R , P respectively	1	Must be all correct
26	D	1	
27	C	1	
28	B (Solid B is also acceptable) , 56 respectively	1	Must be all correct
29	26.5 / $26\frac{1}{2}$	1	
30	C	1	
31	C	1	
32	44	1	
33	3	1	
34	C	1	
35(a)	IJ	1	JI is also acceptable
35(b)	KL	1	LK is also acceptable
36	C	1	
37	96	1	
38(a)	south-east / southeast / south east / SE , east / E respectively	1	Must be all correct
38(b)	north-east / northeast / north east / NE , north / N respectively	1	Must be all correct
39(a)	A , trapezium respectively	1	Must be all correct
39(b)	D , G	1	Must be all correct, order of arrangement is not important
39(c)	F , G	1	Must be all correct, order of arrangement is not important
40	1.5	1	$1\frac{1}{2}$ is also acceptable
41	4 , 2 , 3 pictures respectively	1	Holistic marking, must be all correct, pictures should be drawn at the correct positions on the horizontal axis, do not accept pictures other than ☺
42(a)	Cherries , apples , 300 respectively OR Apples , cherries , 300 respectively	1	Must be all correct, wrong spelling is acceptable
42(b)	$\frac{3}{4}$	1	
42(c)	20	1	20% is also acceptable

Question No.	Answers	Marks	Remarks
43	<p>Let the original price of one box of fruit juice be \$y.</p> $2y - 3 = 18$ $2y - 3 + 3 = 18 + 3$ $2y = 21$ $\frac{2y}{2} = \frac{21}{2}$ $y = 10.5 / 10\frac{1}{2}$ <p>The original price of one box of fruit juice is \$10.50 / \$10$\frac{1}{2}$. (Optional)</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, other acceptable equations: $2y - 18 = 3$ $2y = 18 + 3$</p> <p>Answer mark (*please see remarks below)</p> <p>Other acceptable answer: \$10.5</p> <p>Presentation mark (** please see remarks below)</p>

Remarks: *Answer mark - (1) Just the correct answer without showing mathematical expression/ equation, award the answer mark.

(2) Mathematical expression/equation is incorrect, do not award the answer mark.

(3) Poor presentation in the mathematical expression/equation or workings but correct answer given, award the answer mark.

**Presentation mark: (1) Mathematical expression/equation is correct, but wrong answer given, award the presentation mark.

(2) Mathematical expression/equation is incorrect, do not award the presentation mark.

(3) Presentation mark includes holistic assessment of mathematical expression/equation, units (missing unit or wrong unit), explanation, statement/conclusion and use of symbols, etc.