

Education Bureau
Territory-wide System Assessment 2011
Primary 6 Mathematics
Marking Scheme

Item No.	Answers	Mark	Remarks
1	C	1	
2	D	1	
3	Circle '1', '2'	1	Must be all correct
4(a)	1, 3	1	Must be all correct
4(b)	3	1	
5	$1\frac{5}{6}$	1	
6(a)	28	1	
6(b)	10	1	
7	$\frac{3}{25}$	1	
8	$1\frac{2}{15}$	1	
9	B	1	
10	384	1	
11	$6\frac{1}{12}$	1	
12	$\frac{1}{8}$	1	
13	4.01	1	
14	$360 \times (1 - \frac{4}{5})$ or $360 \times \frac{1}{5}$ $= 72$ \therefore She saved \$72.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (*please see remarks below) Presentation Mark (**please see remarks below)
15	D	1	
16(a)	39	1	
16(b)	It wastes time to count the total number of coins. OR It is easy to make mistakes in counting or calculation. OR The shop assistant may not accept so many coins. OR It is not convenient to carry a lot of coins.	1	Accept any other reasonable answers

Item No.	Answers	Mark	Remarks
17	$300 \div 50 \times 19.9$ $= 119.4$ $\therefore \$119.40$ should be paid.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (*please see remarks below) Presentation Mark (**please see remarks below)
18	40	1	
19(a)	0.29	1	
19(b)	140	1	
20	36	1	
21(a)	45	1	
21(b)	The ferry travelled: $40 \times \frac{45}{60}$ $= 30$ (km) OR The ferry travelled: $40 \times \frac{\text{answer of part (a)}}{60}$ $= 30$ km	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (*please see remarks below) Presentation Mark (**please see remarks below)
22(a)	millimetres / mm	1	Do not accept wrong spelling
22(b)	litres / L / l	1	Do not accept wrong spelling
22(c)	kilograms / kg	1	Do not accept wrong spelling
23(a)	centre	1	Do not accept wrong spelling
23(b)	Acceptable range: 17 – 21	1	
23(c)	2	1	
24	5	1	
25(a)	100	1	
25(b)	150	1	
26	15 cm^3	1	
27	0.1	1	
28	40	1	
29	70	1	
30	trapezium	1	Do not accept wrong spelling
31(a)	Circle ‘trapezium’	1	
31(b)	Circle ‘a right-angled’	1	
31(c)	Circle ‘an isosceles’	1	

Item No.	Answers	Mark	Remarks
32(a)	C	1	
32(b)	B	1	
33	s, m, r respectively	1	
34(a)	Circle 'curves'	1	
34(b)	Circle 'straight lines', 'parallel lines'	1	Must be all correct
34(c)	Circle 'straight lines', 'curves', 'perpendicular lines'	1	Must be all correct
35(a)	south-east / SE, south / S respectively	1	Must be all correct, do not accept wrong spelling
35(b)	Table Tennis Room, +north-west / NW OR Washroom, +north / N respectively	1	Must be all correct, +do not accept wrong spelling
36	B	1	
37	$\frac{3}{50}$ or 0.06	1	
38	$\frac{1}{9}$	1	
39	Let the number be x . $15x - 8 = 127$ $15x = 135$ $x = 9$ \therefore The number is 9.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (*please see remarks below) Presentation Mark (**please see remarks below)
40	50	1	
41(a)	lorry, 30	1	Must be all correct
41(b)	motorcycle, van	1	Must be all correct
41(c)	230	1	
42(a)	80	1	
42(b)	Drama	1	
42(c)	420	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.