Education Bureau Territory-wide System Assessment 2009 Primary 6 Mathematics Marking Scheme

| Item No. | BC Code | Answers | Mark | Remarks |
|-------------|----------|--------------------------------------|------|--|
| 1 | KS2-N2-3 | D | 1 | |
| 2 | KS2-N2-3 | Circle '30' | 1 | |
| 3 | KS2-N2-5 | 8 | 1 | |
| 4 | KS2-N3-1 | А | 1 | |
| 5 | KS2-N3-2 | В | 1 | |
| 6(a) | KS2-N3-3 | $\frac{18}{5}$ | 1 | |
| 6(b) | KS2-N3-3 | $6\frac{7}{8}$ | 1 | |
| 7 | KS2-N3-5 | $\frac{5}{12}$ | 1 | |
| 8 | KS2-N4-2 | D | 1 | |
| 9 | KS2-N4-3 | 2.56 | 1 | |
| 10 | KS2-N5-1 | 18 084 | 1 | |
| 11 | KS2-N5-1 | 80 | 1 | |
| 12 | KS2-N5-1 | $1\frac{7}{8}$ | 1 | |
| 13 | KS2-N5-1 | 7 | 1 | |
| 14 | KS2-N5-2 | 9.45 | 1 | |
| 15 | KS2-N5-3 | 30 | 1 | |
| 16 | KS2-N5-3 | $30 \times 6^{\frac{1}{2}} \times 6$ | 1 | Method Mark: other correct |
| | | = 1125 | 1* | methods are also acceptable Answer Mark ([*] please see |
| | | Fiona earns \$1125. | 1** | Presentation Mark (^{**} please see remarks below) |
| 17 | KS2-N5-3 | $1\frac{5}{8}$ / 1.625 | 1 | |
| 18 | KS2-N5-6 | В | 1 | |
| 19 | KS2-N5-5 | $2.7 \times 4 + 3$ | 1 | Method Mark: other correct |
| | | = 13.8 | 1* | methods are also acceptable Answer Mark ([*] please see remarks below) |
| | | She should pay \$13.80. | 1** | Presentation Mark (^{**} please see remarks below) |

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|-------------|----------|--------------------------------------|----------|--|
| 20 | KS2-N5-4 | $(12 + 36) \div 4$ | 1 | Method Mark: other correct |
| | | = 120 | 1^* | methods are also acceptable Answer Mark ([*] please see |
| | | He can make 120 cakes. | 1** | Presentation Mark (^{**} please see remarks below) |
| 21 | KS2-N6-1 | 65 | 1 | |
| 22(a) | KS2-N6-3 | 0.33 | 1 | |
| 22(b) | KS2-N6-3 | $0.5 / \frac{1}{2}$ | 1 | |
| 23 | KS2-N6-4 | 70 | 1 | |
| 24(a) | KS2-M3-7 | kilometre / km | 1 | Do not accept wrong spelling |
| 24(b) | KS2-M5-5 | millimetre / mL / ml | 1 | Do not accept wrong spelling |
| 24(c) | KS2-M4-5 | gram / g | 1 | Do not accept wrong spelling |
| 24(d) | KS2-M3-7 | metre / m | 1 | Do not accept wrong spelling |
| 25 | KS2-M6-3 | 9 | 1 | |
| 26 | KS2-M3-3 | Acceptable range: 3.8 to 4.2 | 1 | |
| 27(a) | KS2-M6-2 | 20 | 1 | |
| 27(b) | KS2-M6-2 | 34 | 1 | |
| 27(c) | KS2-M6-1 | 44 | 1 | |
| 28 | KS2-M6-4 | 25.12 | 1 | |
| 29 | KS2-M7-3 | 100 | 1 | |
| 30 | KS2-M7-3 | The area of the | | |
| | | shaded part in the | 1 | Method Mark: other correct methods are also acceptable |
| | | parallelogram is: | 1* | Answer Mark ([*] please see |
| | | $9 \times 4 - \frac{3 \times 4}{2}$ | 1^{**} | remarks below) Presentation Mark (^{**} please |
| | | $= 30 \text{ cm}^2$ | | see remarks below) |
| 31 | KS2-M8-4 | 120 | 1 | |
| 32 | KS2-M9-2 | 2.17 | 1 | |
| 33 | KS2-S1-1 | cone | 1 | Do not accept wrong spelling |
| 34 | KS2-S2-1 | В | 1 | |
| 35(a) | KS2-S2-1 | D, F, G | 1 | Must be all correct |
| 35(b) | KS2-S2-1 | Circle 'two pairs', parallelogram | 1 | Must be all correct |

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|-------------|----------|---|----------|--|
| 36(a) | KS2-S5-1 | south / S | 1 | Do not accept wrong spelling |
| 36(b) | KS2-S5-1 | south-east / SE | 1 | Do not accept wrong spelling |
| 36(c) | KS2-S5-1 | Lamb | 1 | |
| 37 | KS2-S4-1 | d, f, g | 1 | Must be all correct |
| 38 | KS2-A1-1 | 5A + 8 / 8 + 5A | 1 | |
| 39 | KS2-A2-1 | B, E | 1 | Must be all correct |
| 40 | KS2-A2-2 | $\frac{2}{5}$ / 0.4 | 1 | |
| 41 | KS2-A2-2 | 5 | 1 | |
| 42 | KS2-A2-3 | Let the value of each cash coupon be x . | | |
| | | $3x + 25 = 4 \times 10 3x = 40 - 25$ | 1 | Method Mark: other correct methods are also acceptable |
| | | x = 5 | 1^* | Answer Mark ([*] please see remarks below) |
| | | ∴ The value of each cash coupon is \$5. | 1^{**} | Presentation Mark (^{**} please see remarks below) |
| 43(a) | KS2-D1-3 | 180 000 | 1 | |
| 43(b) | KS2-D1-3 | Piano | 1 | |
| 43(c) | KS2-D1-3 | Swimming | 1 | |
| 43(d) | KS2-D1-3 | $\frac{1}{3}$ | 1 | |
| 44(a) | KS2-D2-1 | Stanley | 1 | |
| 44(b) | KS2-D2-1 | 8 | 1 | |
| 44(c)(1) | KS2-D2-1 | Circle 'No' | 1 | |
| 44(c)(2) | KS2-D2-1 | The number of votes for Stanley was more than that of Shek O by more than 3 votes. | 1 | |
| 45 | KS2-D3-1 | 8 | 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.