# Education Bureau
## Territory-wide System Assessment 2014◆
## Primary 6 Mathematics
## Marking Scheme

| Item No. | BC Code | Answers | Mark | Remarks |
|---|---|---|---|---|
| 1 | KS2-N1-2 | 2651, 26008, 26039 respectively | 1 | Must be all correct |
| 2 | KS2-N2-1 | C | 1 | |
| 3 | KS2-N2-3 | Circle '24, 36' | 1 | Must be all correct |
| 4 | KS2-N2-5 | 12 | 1 | |
| 5 | KS2-N3-2 | Circle 'larger than' | 1 | |
| 6 | KS2-N3-1 | $\frac{5}{16}$ | 1 | |
| 7(a) | KS2-N3-4 | 216 | 1 | |
| 7(b) | KS2-N3-4 | 4 | | |
| 8 | KS2-N4-3 | 1.78 | 1 | |
| 9 | KS2-N3-5 | Circle $\frac{97}{12}$ | 1 | |
| 10 | KS2-N4-2 | D | 1 | |
| 11 | KS2-N5-1 | 40 | 1 | |
| 12 | KS2-N5-1 | $3\frac{5}{8}$ | 1 | |
| 13 | KS2-N5-1 | $\frac{1}{6}$ | 1 | |
| 14 | KS2-N5-2 | 93.84 | 1 | |
| 15 | KS2-N4-1 | 1.04 | 1 | |
| 16 | KS2-N5-6 | D | 1 | |
| 17 | KS2-N6-1 | 62.5 | 1 | |
| 18 | KS2-N5-5 | $100 - 58.5 \times 1.2$ <br> $= 29.8$ <br> ∴ The change is \$29.80. | 1 <br> 1* <br> 1** | Method Mark: other correct methods are also acceptable <br> Answer Mark (*please see remarks below) <br> Presentation Mark (**please see remarks below) |
| 19(a) | KS2-N6-2 | 62.5 | 1 | |
| 19(b) | KS2-N6-2 | $1\frac{4}{5}$ | 1 | |

◆ The 2014 P6 TSA has been suspended. Participation in the 2014 P6 TSA was on a voluntary basis and not all P6 students participated.

| Item No. | BC Code | Answers | Mark | Remarks |
|---|---|---|---|---|
| 20 | KS2-N6-4 | $(1-\frac{1}{3}) \times 75\%$ <br><br> $= \frac{2}{3} \times 75\%$ <br><br> $= 50\%$ <br><br> $\therefore$ Susan ate 50% of the whole cake. | 1 <br><br> 1* <br><br> 1** | Method Mark: other correct methods are also acceptable <br><br> Answer Mark (*please see remarks below) <br><br> Presentation Mark (**please see remarks below) |
| 21(a) | KS2-M2-1 | Monday | 1 | Do not accept wrong spelling |
| 21(b) | KS2-M2-1 | 28th, February respectively | 1 | Must be all correct <br> Do not accept wrong spelling |
| 21(c) | KS2-M2-1 | Circle 'leap', <br> February has 29 days <br> OR <br> there are 366 days in that year | 1 | Must be all correct <br> Accept other reasonable answers |
| 22(a) | KS2-M3-2 | 5 | 1 | |
| 22(b) | KS2-M3-3 | Accept 135, 136, 137, 138 or 139 | 1 | |
| 23(a) | KS2-M3-7 | kilometre / km | 1 | Do not accept wrong spelling |
| 23(b) | KS2-M4-5 | gram / g | 1 | Do not accept wrong spelling |
| 23(c) | KS2-M5-5 | millilitre / mL / m$l$ | 1 | Do not accept wrong spelling |
| 24(a) | KS2-M6-2 | 140 | 1 | |
| 24(b) | KS2-M6-2 | 120 | 1 | |
| 25 | KS2-M8-1 | 13 m$^3$ | 1 | |
| 26 | KS2-M8-3 | 1 | 1 | |
| 27(a) | KS2-M8-4 | 200 | 1 | |
| 27(b) | KS2-M8-4 | 100 | 1 | |
| 28 | KS2-M9-2 | 0.02 | 1 | |
| 29 | KS2-M7-2 | Accept 12 or 13 | 1 | |
| 30 | KS2-S1-1 | B | 1 | |
| 31(1) | KS2-S2-1 | Circle 'an isosceles' | 1 | |
| 31(2) | KS2-M7-3 | 12 | 1 | |
| 32(a) | KS2-S3-1 | B | 1 | |
| 32(b) | KS2-S3-1 | A, C | 1 | Must be all correct |
| 33(a) | KS2-S5-1 | east / E | 1 | Do not accept wrong spelling |
| 33(b) | KS2-S5-1 | Basketball Court | 1 | Accept wrong spelling |
| 33(c)(1) | KS2-S5-1 | north / N | 1 | Do not accept wrong spelling |
| 33(c)(2) | KS2-S5-1 | south-west / SW | 1 | Do not accept wrong spelling |
| 34 | KS2-A1-1 | B | 1 | |

| Item No. | BC Code | Answers | Mark | Remarks |
|---|---|---|---|---|
| 35 | KS2-A2-1 | A, C | 1 | Must be all correct |
| 36 | KS2-A2-2 | $\dfrac{1}{10}$ or 0.1 | 1 | |
| 37 | KS2-A2-2 | 6 | 1 | |
| 38 | KS2-A2-3 | Let the number be $A$. $$\frac{A}{6} - 14 = 10$$ $$\frac{A}{6} = 24$$ $$A = 144$$ $\therefore$ The number is 144. | 1<br><br>$1^*$<br><br>$1^{**}$ | Method Mark: other correct methods are also acceptable<br><br>Answer Mark ($^*$please see remarks below)<br><br>Presentation Mark ($^{**}$please see remarks below) |
| 39(a) | KS2-D1-3 | Sunday, 5000 | 1 | Do not accept wrong spelling<br>Must be all correct |
| 39(b) | KS2-D1-3 | 18 000 | 1 | |
| 39(c) | KS2-D1-3 | Monday | 1 | Do not accept wrong spelling |
| 40(1) | KS2-D2-2 | Title: The weight of different kinds of meat ordered by Farm Cafe | 1 | Other suitable titles are also acceptable, but must include 'weight of meat' and 'ordered by Farm Cafe' |
| 40(2) | KS2-D2-2 | Beef (70 kg), Mutton | 1 | Must be all correct |
| 40(3) | KS2-D2-2 | Construct a bar chart: the heights of the bars are 20 (Mutton), 30, 80, 40 respectively | 1 | Holistic marking, must be all correct<br>All the bars must be of the same width, evenly spaced and drawn at appropriate positions on the vertical axis |
| 41(a) | KS2-D2-3 | scenery | 1 | Accept wrong spelling |
| 41(b) | KS2-D2-3 | 2 | 1 | |
| 41(c) | KS2-D2-3 | 10400 | 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.