05

M3 Jan 05 - Mark Scheme - section B

7 (a)(i) 7

(ii) 41

W1

W3 M1 attempt to find total (410)

M1 their 'total' ÷ 10

(b) Bar chart/pictogram/stick/frequency

polygon Fully scaled W2 W1 4 out of 6 heights correct

Accept embedded answers

W1 Numbers on vertical axis and colour for each

bar (may be implied by coloured bars)

7

W1

W1

8 (a) 3

(b) 7

(c) 3

W1

9 (a) 18.50

10

(b) 16

W2 M1 figs 185 or 35 × 40 or £14 or 1400 or implied by 1404.5

W1

3

✓ ×

x 🗸

W2 W1 any three correct

2

11 200 ml, $\frac{1}{2}$ litre, 0.7 litre, 2 litres

W2 M1 only 1 error or good attempt to change units or fully reversed

2

12 (a) Correct triangle (any orientation)

W2 W1 sides of 9 and 6.5 (± 2 mm) or 1 correct side in correct position in triangle

W2 M1 correct length of their 'a' ± 2 mm

(b)(i) $22.2 \pm 4 \text{ mm (f.t.)}$

(ii) $54 \pm 2^{\circ}$ (f.t.)

W1

(c) 117

W2 M1 $\frac{1}{2} \times 18 \times 13$

cm²

W1 independent

8

25

Paper total 50