M3 Jan 05 - Mark Scheme - section A

- 1 (a) $\frac{3}{12}$
 - 8 squares shaded (b)
 - (c) 7
 - (d) 0.75

- W1 Or equivalents
- W1
- W1
- W1
- W1

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- 2 (a)(i) Venice
 - (ii) Oslo
 - (b) -6
- 3 (a) 7.02
 - 4.5, 4.545, 4.55, 5 (b)
- 4 (a) 60
 - (b) 3
 - Both pts plotted and curve drawn (c)

- W1 Accept 6
- W1 Accept -11
- W1
- 3
- W2 M1 evidence of 78×9 or figures 702
- W1 Accept 4.5 to 5
- 3
- W1
- W1
- W2 W1 both points but no curve or 1 point within tolerance and curve or 2 points correct height and curve
 - 4

- 5 19 (a)
 - (b) 1.6 m
 - (c)(i) 15
 - (ii) 90 f.t.
- 6 1

- W2 M1 $1.9 \div 10 \text{ or } 0.19$
- W1
- W1
- W2 M1 'their $15' \times 6$ or W1 figs 9 as answer
- 6
- W4 W1 sight of 11 [boys]
 - M1 sight of 0.15×80 or 8 + 4 or 5% = 4
 - A1 12 or W2 for 12 seen
 - If 0 M1 for two attempted percentages and subtraction

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