Key stage 3 mathematics 2003

Mental mathematics   Test A

First name _____

Last name _____

School _____

	Total marks	

Practice question

		60	

Time: 5 seconds

1			1

2			2

3		−3	3

4		n	4

5			5

6	km	30 km per hour	6

Time: 10 seconds

7

pupils

8

(,   )

9		0.75	9

10

cm^2
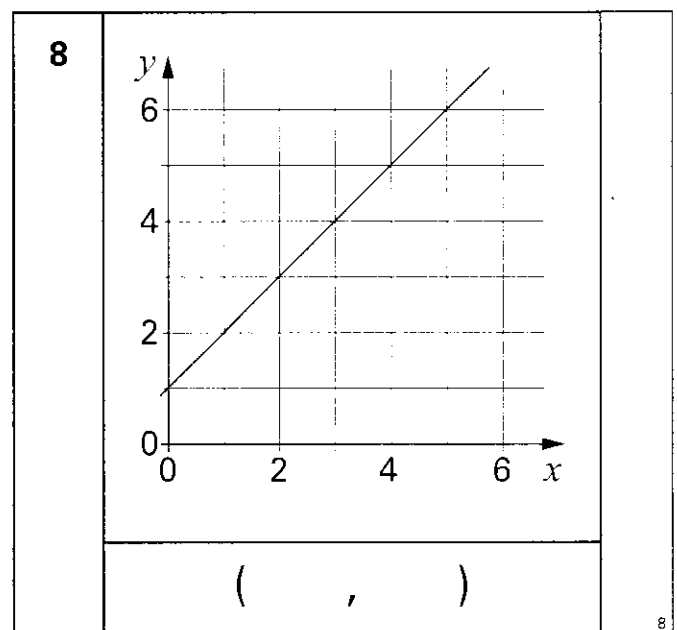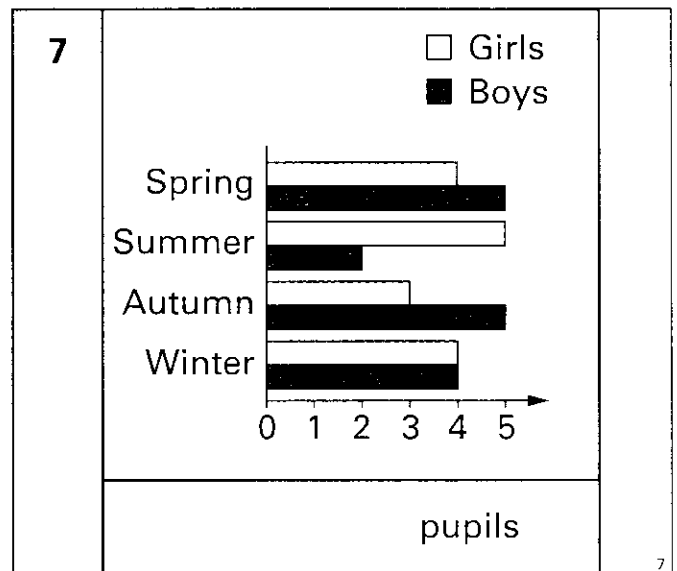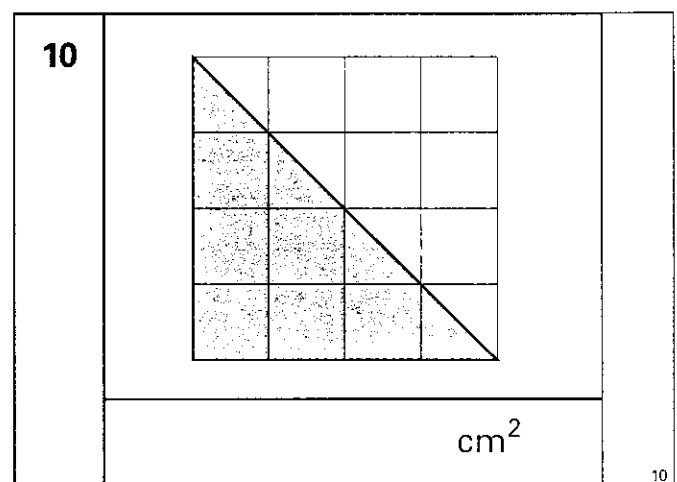
Time: 10 seconds continued

| 11 | 1   2   3   4   5 | 11 |

| 12 | | 12 |

| 13 | 25% | 13 |

| 14 | $y = 2x + 6$ | 14 |

| 15 | km | 4 cm : 1 km | 15 |

| 16 | £ | £40 | 16 |

| 17 | cm^3 | 5 cm by 6 cm by 7 cm | 17 |

| 18 | mm | 0.5 mm | 18 |

| 19 | £ | 2 : 3 | 19 |

| 20 | $(k + 1)(k + 2)$ | 20 |

| 21 | $2 \leq x \leq 8$ | 21 |
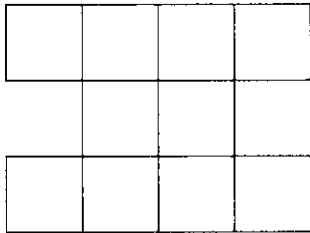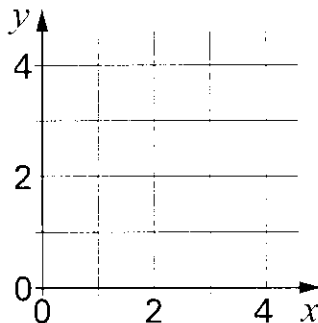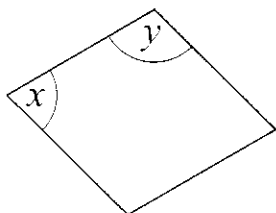
Time: 15 seconds

| 22 | | 22 |

| 23 | | 23 |

| 24 | ° | $\dfrac{21}{36}$ | 24 |

| 25 | | 25 |

| 26 | | ° | 26 |

| 27 | 133^4 | 27 |

| 28 | 8 | 28 |

| 29 | cm | 9π | 29 |

| 30 | $3.4 \times \underline{\hspace{1cm}} = 6.8 \times 3.5$ | 30 |