

Key stage 3 mathematics 2001  
Mental arithmetic lower tier Test C

# Test C

Mark scheme

Time: 5 seconds

|   |      |  |
|---|------|--|
| 1 | £ 60 |  |
| 2 | 6    |  |
| 3 | 4    |  |
| 4 | 600  |  |
| 5 | 7    |  |
| 6 | 9k   |  |
| 7 | 25   | Do not accept<br>$5^2$ or $5 \times 5$ |

Time: 10 seconds

|    |   |          |
|----|---|----------|
| 8  | 20 p  |          |
| 9  | $-4^{\circ}\text{C}$  |          |
| 10 | 82  |          |
| 11 | Any even<br>multiple of 9                                       | Accept 0 |
| 12 | $11^{\circ}\text{C} \leq \text{answer} \leq 14^{\circ}\text{C}$ |          |
| 13 | 195   |          |
| 14 | 50 %  |          |
| 15 | 4.1   |          |
| 16 | 6 cm  |          |

**Time: 10 seconds continued**

|    |              |                       |
|----|--------------|-----------------------|
| 17 | <b>-13°C</b> | Do not accept<br>13 – |
|----|--------------|-----------------------|

|    |             |  |
|----|-------------|--|
| 18 | <b>3.15</b> | Accept equivalent<br>fractions or<br>decimals. |
|----|-------------|--|

|    |                   |  |
|----|-------------------|--|
| 19 | <b>40 minutes</b> |  |
|----|-------------------|--|

|    |               |  |
|----|---------------|--|
| 20 | <b>8.4 kg</b> | Accept equivalent<br>fractions or<br>decimals. |
|----|---------------|--|

|    |           |  |
|----|-----------|--|
| 21 | <b>15</b> |  |
|----|-----------|--|

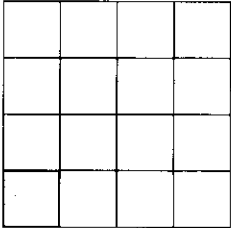
|    |                          |  |
|----|--------------------------|--|
| 22 | <b>21 cm<sup>2</sup></b> |  |
|----|--------------------------|--|

**Time: 15 seconds**

|    |                  |  |
|----|------------------|--|
| 23 | <b>29 pupils</b> |  |
|----|------------------|--|

**Time: 15 seconds continued**

|    |                   |  |
|----|-------------------|--|
| 24 | <b>32 minutes</b> |  |
|----|-------------------|--|

|    |   |  |
|----|---|--|
| 25 |  |  |
|----|---|--|

|    |             |   |
|----|-------------|---|
| 26 | <b>9:10</b> | Accept conversion<br>to 24 hour clock.<br>Ignore reference<br>to time of day, eg<br>am or pm. |
|----|-------------|---|

|    |              |  |
|----|--------------|--|
| 27 | <b>20 km</b> |  |
|----|--------------|--|

|    |             |  |
|----|-------------|--|
| 28 | <b>3.42</b> |  |
|----|-------------|--|

|    |             |  |
|----|-------------|--|
| 29 | <b>75 %</b> |  |
|----|-------------|--|

|    |                |  |
|----|----------------|--|
| 30 | <b>£ 34.93</b> |  |
|----|----------------|--|