

Key stage 3 mathematics 2008

Mental mathematics Test C

First name \_\_\_\_\_

Last name \_\_\_\_\_

School \_\_\_\_\_

Total marks

Practice question

|  |    |  |
|--|----|--|
|  | 49 |  |
|--|----|--|

Time: 5 seconds

|   |       |  |
|---|-------|--|
| 1 | 67 14 |  |
|---|-------|--|

|   |  |  |
|---|--|--|
| 2 |  |  |
|---|--|--|

|   |    |  |
|---|----|--|
| 3 | 19 |  |
|---|----|--|

|   |      |  |
|---|------|--|
| 4 | 4266 |  |
|---|------|--|

|   |     |  |
|---|-----|--|
| 5 | 6 7 |  |
|---|-----|--|

|   |           |  |
|---|-----------|--|
| 6 | $7k - 4k$ |  |
|---|-----------|--|


|   |               |  |
|---|---------------|--|
| 7 | $\frac{1}{4}$ |  |
|---|---------------|--|

|   |       |  |
|---|-------|--|
| 8 | 0.8 5 |  |
|---|-------|--|

Time: 10 seconds

|   |      |      |      |   |
|---|------|------|------|---|
| 9 | 2010 | 2001 | 2100 |   |
|   | 2110 | 2101 |      | 9 |

|    |          |    |
|----|----------|----|
| 10 |          |    |
|    | 14 15 16 | 10 |

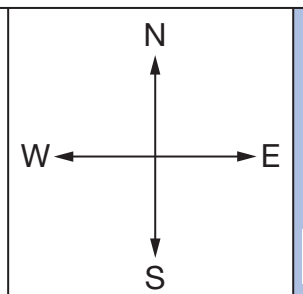
|    |  |    |
|----|--|----|
| 11 |  |    |
|    | £  | 11 |

|       |  |       |       |     |       |       |       |       |       |     |  |
|-------|--|-------|-------|-----|-------|-------|-------|-------|-------|-----|--|
| 12    |  |       |       |     |       |       |       |       |       |     |  |
|       | <table border="1"> <tr> <td></td> <td style="text-align: center;">train</td> <td style="text-align: center;">bus</td> </tr> <tr> <td style="text-align: center;">adult</td> <td style="text-align: center;">£2.00</td> <td style="text-align: center;">£1.20</td> </tr> <tr> <td style="text-align: center;">child</td> <td style="text-align: center;">£1.00</td> <td style="text-align: center;">40p</td> </tr> </table> |       | train | bus | adult | £2.00 | £1.20 | child | £1.00 | 40p |  |
|       | train  | bus   |       |     |       |       |       |       |       |     |  |
| adult | £2.00  | £1.20 |       |     |       |       |       |       |       |     |  |
| child | £1.00  | 40p   |       |     |       |       |       |       |       |     |  |
|       | £  | 12    |       |     |       |       |       |       |       |     |  |

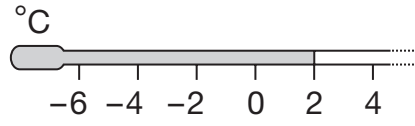
|    |           |    |
|----|-----------|----|
| 13 |           |    |
|    | 25th July | 13 |

|       |  |     |           |       |     |  |
|-------|--|-----|-----------|-------|-----|--|
| 14    |  |     |           |       |     |  |
|       | <table border="1"> <tr> <td style="text-align: center;">men</td> <td style="text-align: center;">♂ ♂ ♂ ♂ ♂</td> </tr> <tr> <td style="text-align: center;">women</td> <td style="text-align: center;">♀ ♀</td> </tr> </table> <p>♂ = 25 people</p> | men | ♂ ♂ ♂ ♂ ♂ | women | ♀ ♀ |  |
| men   | ♂ ♂ ♂ ♂ ♂  |     |           |       |     |  |
| women | ♀ ♀  |     |           |       |     |  |
|       | £  | 14  |           |       |     |  |

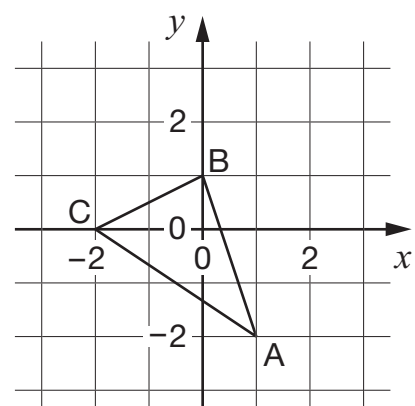
|    |                  |    |
|----|------------------|----|
| 15 |                  |    |
|    | 3 3 <sup>2</sup> | 15 |

|    |   |    |
|----|---|----|
| 16 |   |    |
|    |  |    |
|    | °   | 16 |

Time: 10 seconds continued

17 

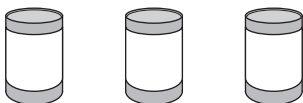
18 8km      5 miles

19 

20   $\sqrt{81}$

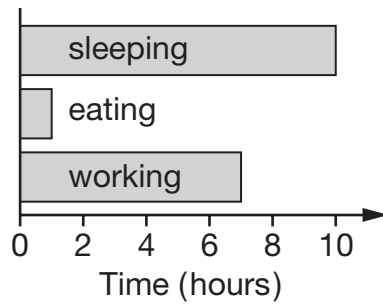
21   $5b + 3$

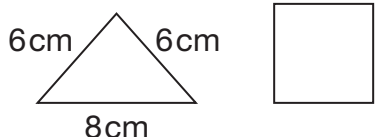
Time: 15 seconds

22   
3 tins for 99p

23

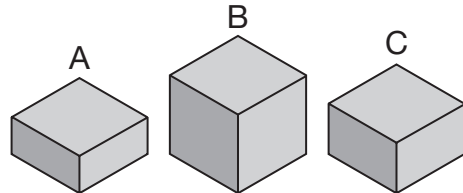
Time: 15 seconds continued

24 

25 

26 1, 3, 6, 10, 15,

27 1 red      1 green      3 blue

28 

29  $29 \times 34 = 986$   
 $0.29 \times 34 =$

30 