First name ________________________________

Last name ________________________________

School ________________________________

Class ________________________________

Date of birth ______________

Date of test ______________ 05 2014

Total score ________ (maximum 35)
1. \[ 67 + 89 = \] 
\[ 123 - 45 = \]

2. Megan buys juice and biscuits.

\[ \text{£1.35} \]
\[ \text{£1.79} \]

She pays with a £5 note.

How much change should she get?

\[ \text{£} \]
3. What number is one quarter of a million?

What number is one hundred less than twenty thousand?

4. 

\[
240 \div \underline{} = 40
\]

\[
\underline{} \div 9 = 21
\]

5. The length of a snake is 762 centimetres.

What is its length in metres?
6. Circle the correct area of this rectangle.

18cm  
36cm  
72cm  

18cm²  
36cm²  
72cm²  

7. \( \frac{3}{5} \) of a class are boys.

What percentage of the class are boys?
What is the sale price?

£

What is 100 squared?

The square root of a number is 4

What is the number?

5
10. The clock shows 11:00

What time will it show when the minute hand has turned through 270°?

11. Write in order.

0.2  \( \frac{1}{4} \)  23%  0.02

smallest  largest

12. \[ 20 - \left( 12 \div 4 - 2 \right) = \]
13. Complete the frequency table for the list of prices.

<table>
<thead>
<tr>
<th>Ten prices</th>
<th>Frequency table</th>
</tr>
</thead>
<tbody>
<tr>
<td>£7.99</td>
<td>89p</td>
</tr>
<tr>
<td>£18.79</td>
<td>£10</td>
</tr>
<tr>
<td>£3.99</td>
<td>£12.95</td>
</tr>
<tr>
<td>£15</td>
<td>£7.50</td>
</tr>
<tr>
<td>75p</td>
<td>£5.60</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Price (£)</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–4.99</td>
<td></td>
</tr>
<tr>
<td>5–9.99</td>
<td></td>
</tr>
<tr>
<td>10–19.99</td>
<td></td>
</tr>
</tbody>
</table>

14. 

\[
24 \times 0.5 = \quad \text{[Blank]} \\
5 \div 0.1 = \quad \text{[Blank]} \\

15. In a survey, 750 people were asked which colour car they liked best.

\( \frac{3}{10} \) of the people chose black.

How many people chose black?

people
There are 120 pupils altogether.

How many of them **walk** to school?

How many of them **cycle**?

---

In a nursery school, the ratio of adults to children is **1 : 4**

There are 56 children.

How many adults?
18

<table>
<thead>
<tr>
<th>Time</th>
<th>7am</th>
<th>11am</th>
<th>3pm</th>
<th>7pm</th>
<th>11pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature (°C)</td>
<td>3</td>
<td>9</td>
<td>8</td>
<td>2</td>
<td>-2</td>
</tr>
</tbody>
</table>

What is the **range** of the temperatures?

\[\text{°C}\]

Work out the **mean** of the temperatures.

\[\text{°C}\]

19

Complete the table.

<table>
<thead>
<tr>
<th>Map distance</th>
<th>Real-life distance</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>5cm</td>
<td>m</td>
<td>1 : 1000</td>
</tr>
</tbody>
</table>
20. There are 32 packets of crisps in each box. Altogether, how many packets in 27 boxes?

21. Round 348.5367 to 2 decimal places.
22. Write the missing decimals.

\[
10 \div \square = 100
\]

\[
300 \times \square = 15
\]

23. To make Bara Brith for 8 people you need 450 grams of dried fruit.

How many kilograms of dried fruit do you need for 20 people?