<table>
<thead>
<tr>
<th>PAGE</th>
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<tr>
<td>21</td>
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<tr>
<td>TOTAL</td>
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</table>

BORDERLINE CHECK

First Name

Last Name

School
Instructions

You may use a calculator to answer any questions in this test.

Work as quickly and as carefully as you can.
You have 45 minutes for this test.
If you cannot do one of the questions, go on to the next one.
You can come back to it later, if you have time.
If you finish before the end, go back and check your work.

Follow the instructions for each question carefully.
This shows where you need to put the answer.
If you need to do working out, you can use any space on a page.

Some questions have an answer box like this:
Show your method. You may get a mark.
For these questions you may get a mark for showing your method.
1. Circle the number that is closest to 700

750  72  651  69  770

2. Complete the diagram below to make a shape that is symmetrical about the mirror line.

Use a ruler.
Match each clock to the correct time.

One has been done for you.

1:45

half past ten

ten to seven

9:10
A school has sports day.

The winner of each event scores 10 points.

This chart shows the points scored by each team.

<table>
<thead>
<tr>
<th>Event</th>
<th>Team</th>
<th>Team</th>
<th>Team</th>
<th>Team</th>
<th>Team</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Red</td>
<td>Green</td>
<td>Blue</td>
<td>Yellow</td>
<td>White</td>
</tr>
<tr>
<td>100m</td>
<td>8</td>
<td>6</td>
<td>2</td>
<td>10</td>
<td>4</td>
</tr>
<tr>
<td>Long jump</td>
<td>10</td>
<td>2</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>Relay</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td>High jump</td>
<td>8</td>
<td>2</td>
<td>10</td>
<td>6</td>
<td>4</td>
</tr>
</tbody>
</table>

How many events did the Yellow team win?

Which team came second in the relay?
Write in the missing numbers.

\[
3 \times 4 \times \boxed{2} = 96
\]

\[
\boxed{6} + 62 - 46 = 96
\]

John says,

‘Every multiple of 5 ends in 5’

Is he correct?
Circle Yes or No.

Yes / No

Explain how you know.

........................................................................................................................................

........................................................................................................................................

........................................................................................................................................

........................................................................................................................................
Here are five digit cards.

0 1 4 5 8

Use all five digit cards to make this correct.

\[ \begin{array}{c}
\text{ } \\
\times 2 \\
\end{array} \]

Here are seven shapes.

A B C D E F G

Write the letters of the two shapes which are pentagons.

. . . . . . . and . . . . .
Cinema tickets cost £3.65 each.

Hannah buys 4 tickets.

How much does Hannah pay?

£

Nico buys a box of popcorn and two milkshakes.

How much does Nico spend altogether?

£

Show your method. You may get a mark.

£
A school has a quiz each year.
There are two teams.
Here are their results.

In which year did **North** beat **South** by 100 points?

In which year did **South** beat **North** by the greatest amount?
In a supermarket storeroom there are

7 boxes of tomato soup
5 boxes of pea soup
4 boxes of chicken soup

There are **24 tins** in every box.

**How many tins** of soup are there **altogether**?

Show your **method**. You may get a mark.
Here is a regular hexagon.

Join three of the dots to make an equilateral triangle.

Use a ruler.

Here is a regular octagon.

Join three of the dots to make an isosceles triangle.

Use a ruler.
Here are three supermarket bills.

<table>
<thead>
<tr>
<th>Bill</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>£74.68</td>
</tr>
<tr>
<td>2</td>
<td>£65.90</td>
</tr>
<tr>
<td>3</td>
<td>£59.05</td>
</tr>
</tbody>
</table>

Tom rounds each bill **to the nearest £10** and then adds them up.

**What is the total amount that Tom gets?**

£

Mary adds up the three bills **exactly**.

**What is the difference between her total and Tom’s total?**

Show your **method**. You may get a mark.
14 Use the digits 2, 3 and 4 once to make the multiplication which has the greatest product.

This scale shows the weight of Fred’s cat.

What is the weight of Fred’s cat?

This scale shows the weight of Fred’s dog.

How much more does Fred’s dog weigh than his cat?
This graph shows the height of a balloon at different times.

From the graph, find the height of the balloon at 50 seconds.

\[ \text{m} \]

Use the graph to find how long it took the balloon to rise from 30 metres to 60 metres.

\[ \text{seconds} \]
Here is part of a number line.

Write in the two missing numbers.

\[ 2 \quad 2\frac{1}{4} \]

Measure angle \( x \) accurately.

Use a protractor (angle measurer).
19 Write in the missing numbers.

\[
\begin{align*}
\phantom{\div} & \div 21.7 = 37.5 \\
100 - (22.75 + 19.08) & = \phantom{37.5}
\end{align*}
\]

20 Here are five number cards.

\[\begin{array}{ccc}
A & A & A \\
& B & B \\
\end{array}\]

A and B stand for two different whole numbers.

The sum of all the numbers on all five cards is 30

What could be the values of A and B?

\[\begin{align*}
A & = \phantom{37.5} \\
B & = \phantom{37.5}
\end{align*}\]
21 Write the largest whole number to make this statement true.

\[
50 + \underline{ } < 73
\]

22 Here is a rectangle with six identical shaded squares inside it.

The width of the rectangle is 7.2 centimetres.

Calculate the length of the rectangle.

Show your method. You may get a mark.
A sequence of numbers starts at 11 and follows the rule

‘double the last number and then subtract 3’

11  19  35  67  131 ...

The sequence continues.

The number 4099 is in the sequence.

Calculate the number which comes immediately before **4099** in the sequence.

Show your method. You may get a mark.
Every 100g of brown bread contains 6g of fibre.

A loaf of bread weighs 800g and has 20 equal slices.

How much fibre is there in one slice?
End of test