7+ MATHS EXEMPLAR PAPER 1

Name: ........................................................................................................

Your School: ................................................................................................

Time allowed: 40 minutes

INSTRUCTIONS: To be read by the Tutor.

• Use pencil.
• There are 18 questions. Answer all of them if you can.
• Do any working that is needed in the space allowed for the question.
• If there is not enough space, use the back of one of the sheets.
• If you cannot do a question, go on to the next one and try again later.
• Do not ask the teacher to explain a question to you.
• If you finish before the end of the time, check your answers and then wait quietly in your place.
• If you do not finish or you cannot understand all the questions, do not worry. People work at different speeds.
• Be sure not to turn over two pages at once.
1. Write the following as numbers instead of words.
   a) Thirty-one ..........................................................
   b) Fourteen ............................................................
   c) One hundred and fifty ...........................................
   d) Two hundred and two ...........................................

2. I am thinking of a number. It has a 7 in the ones column, 3 in the hundreds column and a 2 in the tens column. Write down this number.
   ...........................................................................

3. Write these numbers in words.
   a) 11 .................................................................
   b) 27 .................................................................
   c) 121 ...............................................................

4. Which number is highest?
   a) 6 or 9 ............................................................
   b) 41 or 14 ........................................................
   c) 30 or 33 ........................................................
   d) 51 or 49 ........................................................
5.

a) Fill in the missing numbers on this number line.

10  11  __  13  14  __  16  __  18  19  __

b) Place these numbers on the number line in the correct place.

40  32  37  35  38

30  __  __  __  __  __

6. Add the following in your head.

a) 4 + 7 = ..............

d) 25 + 75 = ..............

b) 13 + 5 = ..............

e) 8 + 6 = ..............

c) 11 + 9 = ..............

f) 12 + 18 = ..............

7. Fill in these multiplication squares. The first one has been done for you.

<table>
<thead>
<tr>
<th>×</th>
<th>3</th>
<th>4</th>
<th>9</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. Work out these in your head.

a) 23 - 9 = ..............

d) 76 - 49 = ..............

b) 17 - 11 = ..............

e) 52 - 14 = ..............

c) 37 - 8 = ..............

f) 99 - 91 = ..............
9. Circle all the even numbers below.

21  10  7  49  30
   36  12  23  15

10. Complete these number sequences.
   a) 21, 31, __ 51 __ 71, __.
   b) 13, __ 33, 43, __.
   c) 5, 10, __ __ 25.
   d) 80, 40, 20, 10, __.

11. Fill in the missing numbers from a 100 square.

   a)
   \[
   \begin{array}{cc}
   13 & 15 \\
   24 &  &
   \end{array}
   \]

   b)
   \[
   \begin{array}{cc}
   & 79 \\
   87 &  &
   \end{array}
   \]

12. Complete these halving and doubling sentences.

   a) Half of 36 is ____________________

   b) Half of 14 is ____________________

   c) 20 divided by 2 is ____________________

   d) 18 shared between 2 is ____________________

   e) Double 7 is ____________________

   f) Twice 11 is ____________________

   g) Double 50 is ____________________
13. Put dotted lines on the shapes so they are cut in half.

14. Put the symbols +, -, x, or ÷ so that these sentences are true.
   
   a) $5 \underline{\phantom{0}} 4 = 9$
   b) $3 \underline{\phantom{0}} 5 = 15$
   c) $21 \underline{\phantom{0}} 9 = 12$
   d) $16 \underline{\phantom{0}} 4 = 4$
   e) $8 \underline{\phantom{0}} 5 = 3$
   f) $24 \underline{\phantom{0}} 3 = 8$

15. Put a √ in the shapes with straight edges.
16. Use the grid below to draw a rectangle, square and a triangle.

17. Draw hands on these clock faces to match the time written below each one.

Four o’clock  A quarter past seven  Half past three

18. Answer these questions.

a) How many minutes in an hour? ........................................

b) How many days in a week? ...........................................

c) How many hours in a day? ............................................

d) How many months in a year? ........................................

e) How many days in January? .........................................