1. Fill in:

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>a)</td>
<td>45 + 72 =</td>
</tr>
<tr>
<td>b)</td>
<td>176 +   = 234</td>
</tr>
<tr>
<td>c)</td>
<td>What is the <strong>difference</strong> between 37 and 45?</td>
</tr>
<tr>
<td>d)</td>
<td>What are three <strong>lots</strong> of 8?</td>
</tr>
<tr>
<td>e)</td>
<td><strong>Divide</strong> 48 by 4.</td>
</tr>
<tr>
<td>f)</td>
<td>How many <strong>litres</strong> in 2000 ml?</td>
</tr>
<tr>
<td>g)</td>
<td>Which is heavier? 4500 g 3½ Kg</td>
</tr>
<tr>
<td>h)</td>
<td>A <strong>cylinder</strong> has   edges.</td>
</tr>
<tr>
<td>i)</td>
<td>What is 30 minutes <strong>earlier</strong> than 2:45?</td>
</tr>
<tr>
<td>j)</td>
<td>What is 2c <strong>less than</strong> €1?</td>
</tr>
<tr>
<td>k)</td>
<td>What is 472 rounded to the nearest 100?</td>
</tr>
<tr>
<td>l)</td>
<td>What is the next number in the sequence? 626, 616, 606, ____</td>
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</table>
2. Complete.

a) How many squares (□) in all?  

b) Write the answer in words.  

__________________________________  

c) How many hundreds, tens and units in three hundred and eight?

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<thead>
<tr>
<th>H</th>
<th>T</th>
<th>U</th>
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3. Match.

a) The capacity of a kettle is less than  

b) The capacity of a bucket is more than  

c) The height of a desk is more than  

d) The height of a door is less than  

6 metres
30 cm
100 ml
5000 ml

a) **Double** the number in the square.  
   **Add** the answer to the number in the triangle.  
   Write the result in the circle.

b) **Halve** the number in the triangle.  
   **Divide** your answer by 3.  
   **Write** the result in the circle.  
   **Subtract** 2 from the number in the circle.  
   **Write** the result in the square.

5. John is preparing his school bag.
   The English books weigh 500 g each.  
   The Maths books weigh 300 g each.

a) John puts two English books and two Maths books in his bag.  
   Work out the **total weight** of the books in grams.  
   ______ 9

b) **Write** your answer in Kg and g.  
   _____ Kg _____ g
6. Write the missing numbers.

a) 10  
   38  
   ________________
   68

b) 20
   55  
   ________________
   95

7. Circle the fraction that shows which part of the set .......

a) ..........is shaded.

\[
\begin{array}{ccc}
\frac{5}{8} & \frac{3}{8} & \frac{5}{6} \\
\end{array}
\]

b) .......... is not shaded

\[
\begin{array}{ccc}
\frac{7}{10} & \frac{4}{10} & \frac{6}{10} \\
\end{array}
\]

c) The picture shows 12 glasses.

Fill in:

i) \( \frac{1}{4} \) of 12 glasses = \( \_ \_ \_ \) glasses.

ii) \( \_ \_ \_ \) of 12 glasses = 9 glasses.
8. A group of children are going to the pool.
   It costs 80c for a child to use the pool.

   a) How much does it cost for a group of 10 children?

      ______ c

   b) Write the answer in Euro.

      €_______

9. Pencils are sold in packs of 5.
   A group of 48 children need one pencil each.

   a) How many packs of pencils need to be bought?

      _____ packs

   b) How many pencils are left unused?

      _____ left

   c) How many more children could join in to use all the pencils bought?

      _____ children
10. a) Match the cards on the left to the correct answers on the right.

i) \[56 + 27 + 57\] \hspace{2cm} \text{equal to 100}

ii) \[6 \text{ lots of 5}\] \hspace{2cm} \text{greater than 100}

iii) \[\text{Double 50}\] \hspace{2cm} \text{less than 100}

b) Match the cards that have a \textit{difference} of 30.

i) \[76\] \hspace{2cm} \[137\]

ii) \[40\] \hspace{2cm} \[106\]

iii) \[167\] \hspace{2cm} \[70\]
11. Look at these shapes.

a) **Name** the shapes and **write** down the number of **lines of symmetry**.

   Name: _________ Name: _________

   Lines of Symmetry: ______ Lines of Symmetry: ______

b) Draw the **reflection** of this shape on the other side of the line of symmetry.

   ![Diagram of a shape with a line of symmetry]
12. Ben usually wakes up at 7 o’clock.

a) Today he wakes up 3 hours later.

i) At what time does he wake up?

ii) Mark this time on the clock.

b) At quarter past 11 he goes to grandma and stays there for 35 minutes. He then goes back home.

At what time does he go back home?


c) How many minutes from Clock A to Clock B?

Clock A
7:50 a.m.

Clock B
8:30 a.m.

_____ minutes
13. Maria saves money in a piggy bank.

a) How much money does she have in the piggy bank?

€

b) Show three other ways of making up 50c.

![Three circles with coins](image)

€

1.25

C) Put a ✓ in the box to show which three coins must be used to pay for the coffee.
14. The pirates are looking for a treasure. This is the treasure map.

a) Use compass points to complete these sentences.

i) The dragon is _________ of the Pirates' ship.

ii) The mermaids are North of the _________.

b) Each arrow (↑) represents 100 m.

What is the distance from the Pirates' ship to the Treasure?

______ m

c) Fill in:

To get to the Treasure the Pirates have to go ________ m North and 300 m ________.
15. These are the children’s favourite books in a Year 4 class.

<table>
<thead>
<tr>
<th>Horror</th>
<th>Comedy</th>
<th>Adventure</th>
<th>Fairy Tales</th>
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<tr>
<td></td>
<td></td>
<td>9</td>
<td>7</td>
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<td></td>
<td>6</td>
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<td>5</td>
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a) Which are the **most** favourite books in class?  

b) Which are the **least** favourite books?  

c) How many **more** children **prefer** adventure books than fairy tales?  

d) How many children are there in this class?
16. Four numbers are added to make the number 224.

All the four numbers have 6 as the unit digit.

The tens digits are all different.

Find what the four numbers could be.

Give 3 possible answers.