1. Fill in correctly:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>11 + 89 = [\square].</td>
</tr>
<tr>
<td>b)</td>
<td>355 − 299 = [\square].</td>
</tr>
<tr>
<td>c)</td>
<td>12 × 50 = [\square].</td>
</tr>
<tr>
<td>d)</td>
<td>35 × 16 = 35 × 8 × [\square] = 560.</td>
</tr>
<tr>
<td>e)</td>
<td>36, [\square], 42, 45, [\square], 51.</td>
</tr>
</tbody>
</table>
| f) | Complete with different numbers less than 10. \[
\begin{array}{c}
8 \\
3 \\
\square \\
\square
\end{array}
\] = 21. |
| g) | 470 + \[\square\] = 1000. |
| h) | Write the missing fraction: \[
\begin{array}{c|c|c|c|c}
\text{Whole} & \frac{1}{2} & \frac{1}{3} & \frac{1}{6} \\
264 & 132 & 66 & 33
\end{array}
\] |
| i) | \[\square\] ÷ 18 = 3. |
| j) | 3kg apples at \[\square\] c per kilogram = €4.50 |
| k) | 9 × 24 = Double \[\square\] |
| l) | The perimeter of a regular hexagon is 18cm. The length of each side is \[\square\] cm. |
2 a) Draw the reflection of the shaded shape in the mirror line.

![Reflection Diagram]

b) Draw the mirror line so that the shapes are reflections of each other.

![Mirror Line Diagram]

3. The grid below shows numbers 41 to 80.

<table>
<thead>
<tr>
<th>41</th>
<th>42</th>
<th>43</th>
<th>44</th>
<th>45</th>
<th>46</th>
<th>47</th>
<th>48</th>
<th>49</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>52</td>
<td>53</td>
<td>54</td>
<td>55</td>
<td>56</td>
<td>57</td>
<td>58</td>
<td>59</td>
<td>60</td>
</tr>
<tr>
<td>61</td>
<td>62</td>
<td>63</td>
<td>64</td>
<td>65</td>
<td>66</td>
<td>67</td>
<td>68</td>
<td>69</td>
<td>70</td>
</tr>
<tr>
<td>71</td>
<td>72</td>
<td>73</td>
<td>74</td>
<td>75</td>
<td>76</td>
<td>77</td>
<td>78</td>
<td>79</td>
<td>80</td>
</tr>
</tbody>
</table>

a) Write which TWO of these numbers are multiples of 20.

_________  __________

b) Write which TWO of these numbers are multiples of both 3 and 7.

_________  __________
4 a) Tick ✓ the calculation which gives the answer 45.

i) $95 \cdot 6 - 23 \cdot 1$

ii) $\frac{3}{5}$ of 75

iii) $19 \cdot 4 + 18 \cdot 6$

iv) $3 \cdot 75 \times 11$

b) Complete.

i) $64 \div 20 = \underline{3} \div 2 = 3.2$

ii) $84 \times 7 = (80 \times 7) + (\underline{4} \times 7)$

5 a) Draw the next TWO triangular numbers.

\[ \bigcirc 1 \quad \bigcirc 3 \quad \bigcirc 6 \]

b) Multiply the bottom two numbers to fill in the missing top number.

i) \[ \begin{array}{|c|c|} \hline 8 & 93 \rule{0pt}{1.5em} \\ \hline \end{array} \]

ii) \[ \begin{array}{|c|c|} \hline 7 & 86 \rule{0pt}{1.5em} \\ \hline \end{array} \]
6 a) Draw hands to show half past 2 on the clock face.

b) Use your protractor.
   Measure the smaller angle between the hands of the clock.

   ______°

7. Complete.

4.1

Add 0.1

Multiply by 10

Multiply by 100

Multiply by 100

Add 1

Add 100

4200
8 a) Fill in with the proper unit.  
Only THREE of the given units are correct.

<table>
<thead>
<tr>
<th>metres</th>
<th>kilometres</th>
<th>millimetres</th>
<th>centimetres</th>
</tr>
</thead>
</table>

i) The length of a new pencil is about 17 ________________.

ii) The length of a whiteboard is about 3 ________________.

iii) The distance between Valletta and Cirkewwa is about

30 ________________.

b) Choose the closest height.

<table>
<thead>
<tr>
<th>4.5m</th>
<th>1m</th>
<th>225cm</th>
</tr>
</thead>
</table>
9 a) Find the pairs.

<table>
<thead>
<tr>
<th>440</th>
<th>339</th>
<th>877</th>
</tr>
</thead>
<tbody>
<tr>
<td>925</td>
<td>415</td>
<td>313</td>
</tr>
</tbody>
</table>

i) _____ − _____ = 25

ii) _____ − _____ = 48

iii) _____ − _____ = 26

b) Multiply the numbers.

\[ 7 \times 5.3 \quad 4 \times 8.6 \quad 6 \times 6.6 \]

The multiplication closest to 40 is \[ \square \times \square \].

10 a) Write the fractions in order smallest first.

\[ \frac{1}{2}, \frac{2}{6}, \frac{5}{12}, \frac{7}{8} \]

→ \[ \square, \square, \square, \square \]

b) Solve the problem.

\[ \frac{4}{7} \text{ of a number is } \frac{1}{4} \text{ of 48. What is the number? } \square \]
11. This is a floor plan of a classroom.

a) The **perimeter** of the classroom is _______m.

b) The **area** covered by the carpet is _______m².

12. a) Find the number.

The number is *smaller* than 30.
It is an *odd* number.
It is a *multiple* of 3.
5 is one of its *factors*.

The number is ___.

b) The number in each block is the difference between the numbers in the two blocks directly below.

Fill in the missing numbers.
13. David saves 40 cent a day.

a) After 5 days he saves €______.

b) He wants to buy a book that costs €21.50 and a birthday card that costs 90c.

i) He needs €__________ to buy the book and the birthday card.

ii) After ___________ weeks he has saved enough money to buy the book and the birthday card.
14 a)

i) An isosceles triangle has __________ equal sides.

ii) Tick (✓) to show the isosceles triangle.

```
   △ △ △ △
```

b) Fill in.

Shape A is a cuboid.
It has 6 faces, _____ vertices and 12 __________.

Shape B is a _________.
It has 2 faces, 1 vertex and 1 edge.

Shape C is a pyramid.
It has the same number of faces and __________.
15. The table shows the goals scored by a team in a week.
   a) Fill in the missing number of goals.

<table>
<thead>
<tr>
<th>Day</th>
<th>In the first Half</th>
<th>In the second Half</th>
<th>Total Number of Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Monday</td>
<td>2</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Tuesday</td>
<td>0</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Wednesday</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Thursday</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Friday</td>
<td>3</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>Saturday</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Grand Total</strong></td>
<td></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

b) i) Complete the graph.

ii) On which **days** did the team score the same number of goals?

   ______________ and ______________
16. Kate, Sam, Bernice and Ruben have a bag each.

<table>
<thead>
<tr>
<th>Bag A</th>
<th>Bag B</th>
<th>Bag C</th>
<th>Bag D</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 kg</td>
<td>27 kg 500 g</td>
<td>25 kg</td>
<td>29.5 kg</td>
</tr>
</tbody>
</table>

a) The arrow points to the weight of bag A on the scale below. Use arrows to mark the weight of bags B and C on the scale. Label each weight as in the example.

b) Kate’s bag is the heaviest. Sam’s bag is 2kg lighter than Kate’s bag. Ruben’s bag is 5kg heavier than Bernice’s bag.

Draw arrows to match each bag to its owner.

<table>
<thead>
<tr>
<th>Bag A</th>
<th>Bag B</th>
<th>Bag C</th>
<th>Bag D</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kate</td>
<td>Sam</td>
<td>Ruben</td>
<td>Bernice</td>
</tr>
</tbody>
</table>

END OF PAPER

Marking Scheme

\[
\begin{align*}
1 \ a - \ell & \quad 12 \times 2 = 24 \\
2 - 8 & \quad 7 \times 4 = 28 \\
9 - 16 & \quad 8 \times 6 = 48 \\
\text{TOTAL} & \quad 100
\end{align*}
\]